

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090222\
 Data File : VN074284.D
 Acq On : 02 Sep 2022 13:23
 Operator : JC\MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: Sep 02 14:23:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090222W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 14:16:05 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 09/03/2022
 Supervised By :Mahesh Dadoda 09/06/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.016	168	262124	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	486363	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	452601	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	203673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	86884	21.367	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	42.740%#		
35) Dibromofluoromethane	7.945	113	68405	21.614	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	43.220%#		
50) Toluene-d8	10.380	98	264952	21.258	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	42.520%#		
62) 4-Bromofluorobenzene	12.669	95	82192	21.685	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	43.380%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	43185	15.922	ug/l	96
3) Chloromethane	2.269	50	64936	16.998	ug/l	94
4) Vinyl Chloride	2.404	62	130471	34.370	ug/l	98
5) Bromomethane	2.787	94	86625	41.738	ug/l	92
6) Chloroethane	2.957	64	103330	35.481	ug/l	99
7) Trichlorofluoromethane	3.316	101	91064	15.692	ug/l	93
8) Diethyl Ether	3.763	74	36373	14.738	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.140	101	53525	16.150	ug/l	90
10) Methyl Iodide	4.346	142	28389	10.613	ug/l #	90
11) Tert butyl alcohol	5.287	59	75097	75.527	ug/l	99
12) 1,1-Dichloroethene	4.110	96	48285	15.711	ug/l	96
13) Acrolein	3.975	56	49108	54.634	ug/l	100
14) Allyl chloride	4.757	41	81619	11.909	ug/l	90
15) Acrylonitrile	5.469	53	193996	66.040	ug/l	93
16) Acetone	4.222	43	166584	61.310	ug/l	91
17) Carbon Disulfide	4.457	76	112743	12.890	ug/l	96
18) Methyl Acetate	4.769	43	98623	12.012	ug/l	99
19) Methyl tert-butyl Ether	5.528	73	206777	18.190	ug/l	100
20) Methylene Chloride	5.016	84	65274	14.083	ug/l	97
21) trans-1,2-Dichloroethene	5.516	96	56673	15.977	ug/l	93
22) Diisopropyl ether	6.410	45	194990	13.965	ug/l	93
23) Vinyl Acetate	6.351	43	843250	71.528	ug/l	97
24) 1,1-Dichloroethane	6.304	63	115892	16.824	ug/l	99
25) 2-Butanone	7.257	43	289998	66.719	ug/l	99
26) 2,2-Dichloropropane	7.251	77	92271	19.254	ug/l	98
27) cis-1,2-Dichloroethene	7.251	96	72629	18.332	ug/l	99
28) Bromochloromethane	7.586	49	41409	15.099	ug/l	87
29) Tetrahydrofuran	7.610	42	182578	65.957	ug/l	96
30) Chloroform	7.751	83	128302	18.272	ug/l	94
31) Cyclohexane	8.022	56	102210	15.213	ug/l #	93
32) 1,1,1-Trichloroethane	7.939	97	107903	19.981	ug/l	98
36) 1,1-Dichloropropene	8.145	75	85374	16.626	ug/l	97
37) Ethyl Acetate	7.339	43	110205	12.833	ug/l	97
38) Carbon Tetrachloride	8.128	117	88830	18.100	ug/l	95
39) Methylcyclohexane	9.392	83	106781	17.714	ug/l	94
40) Benzene	8.386	78	282961	17.549	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.557	41	55830	14.084	ug/l #	89
42) 1,2-Dichloroethane	8.463	62	105120	18.320	ug/l	99
43) Isopropyl Acetate	8.492	43	174713	15.134	ug/l	97
44) Trichloroethene	9.151	130	65560	18.196	ug/l	98
45) 1,2-Dichloropropane	9.428	63	74100	17.021	ug/l	97
46) Dibromomethane	9.510	93	53875	18.530	ug/l #	85
47) Bromodichloromethane	9.698	83	102391	17.971	ug/l	96
48) Methyl methacrylate	9.492	41	77295	14.095	ug/l #	92
49) 1,4-Dioxane	9.504	88	40696	343.973	ug/l #	89
51) 4-Methyl-2-Pentanone	10.269	43	628992	75.071	ug/l	96
52) Toluene	10.445	92	184709	19.436	ug/l	98
53) t-1,3-Dichloropropene	10.657	75	101172	18.728	ug/l	98
54) cis-1,3-Dichloropropene	10.128	75	113584	18.780	ug/l	93
55) 1,1,2-Trichloroethane	10.839	97	76332	18.568	ug/l	92
56) Ethyl methacrylate	10.704	69	118182	18.967	ug/l #	87
57) 1,3-Dichloropropane	10.986	76	130828	18.312	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	283501	89.942	ug/l	95
59) 2-Hexanone	11.027	43	481595	75.741	ug/l	96
60) Dibromochloromethane	11.180	129	76299	19.816	ug/l	100
61) 1,2-Dibromoethane	11.286	107	78288	19.930	ug/l	96
64) Tetrachloroethene	10.916	164	53245	16.241	ug/l	97
65) Chlorobenzene	11.710	112	195700	19.215	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.780	131	72323	19.979	ug/l	97
67) Ethyl Benzene	11.786	91	365424	19.994	ug/l	95
68) m/p-Xylenes	11.892	106	281101	41.401	ug/l	99
69) o-Xylene	12.221	106	137254	20.288	ug/l	97
70) Styrene	12.233	104	227139	21.074	ug/l	99
71) Bromoform	12.398	173	53842	17.560	ug/l #	97
73) Isopropylbenzene	12.516	105	358160	20.534	ug/l	99
74) N-amyl acetate	12.327	43	150391	15.239	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.769	83	130131	17.990	ug/l	98
76) 1,2,3-Trichloropropane	12.821	75	116014m	20.047	ug/l	
77) Bromobenzene	12.798	156	74597	18.283	ug/l	83
78) n-propylbenzene	12.857	91	415073	20.876	ug/l	96
79) 2-Chlorotoluene	12.945	91	242054	19.876	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	292483	20.618	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.563	75	35191	17.934	ug/l	93
82) 4-Chlorotoluene	13.039	91	236623	20.080	ug/l	97
83) tert-Butylbenzene	13.257	119	258295	21.286	ug/l	98
84) 1,2,4-Trimethylbenzene	13.304	105	297928	21.761	ug/l	95
85) sec-Butylbenzene	13.439	105	365691	21.484	ug/l	97
86) p-Isopropyltoluene	13.551	119	294646	22.246	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	137780	18.944	ug/l	97
88) 1,4-Dichlorobenzene	13.633	146	137146	18.227	ug/l	92
89) n-Butylbenzene	13.880	91	242115	20.989	ug/l	94
90) Hexachloroethane	14.145	117	53634	19.642	ug/l	77
91) 1,2-Dichlorobenzene	13.921	146	146583	19.119	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.539	75	26499	18.328	ug/l	88
93) 1,2,4-Trichlorobenzene	15.192	180	67740	18.063	ug/l	95
94) Hexachlorobutadiene	15.298	225	32278	17.502	ug/l	99
95) Naphthalene	15.433	128	272343	20.215	ug/l	99
96) 1,2,3-Trichlorobenzene	15.621	180	72393	18.634	ug/l	97

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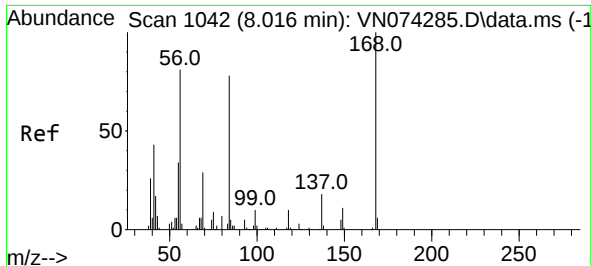
Manual Integrations
APPROVED

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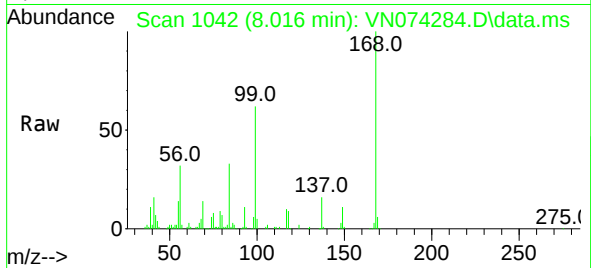
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
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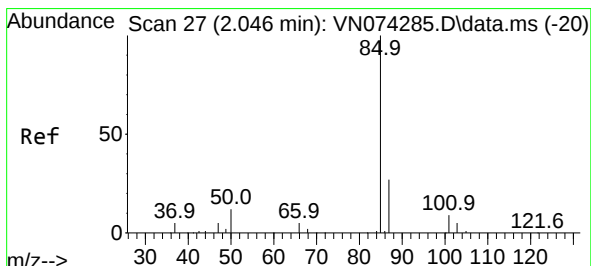
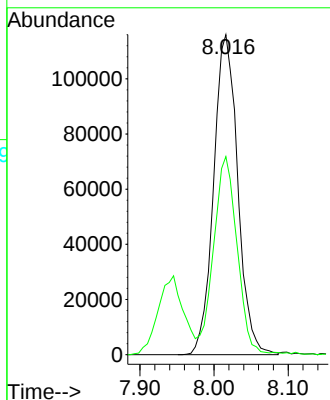
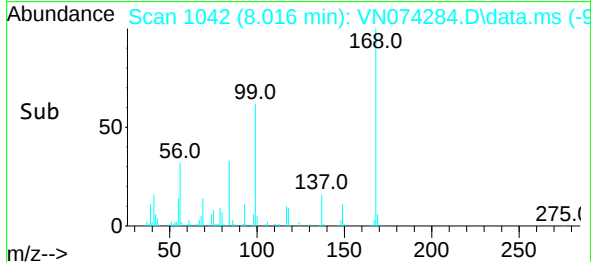
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ClientSampleId :
VSTDICC020



Tgt Ion:168 Resp: 262124
Ion Ratio Lower Upper
168 100
99 61.2 42.3 63.5

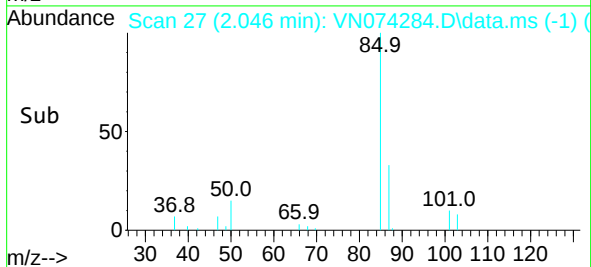
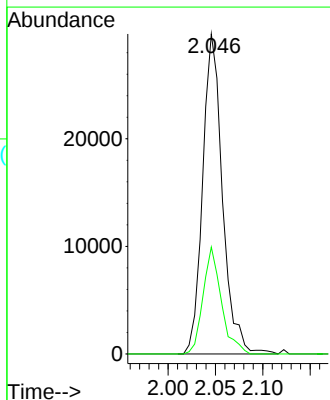
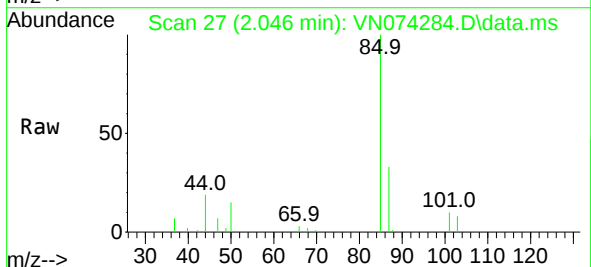
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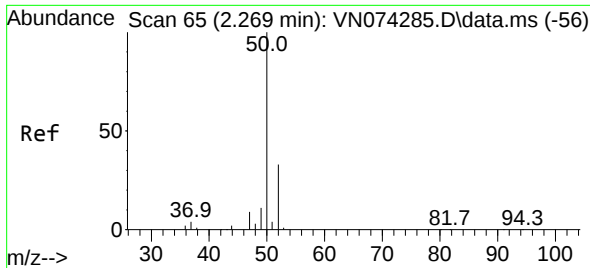
Reviewed By :John Carlone 09/03/2022
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#2
Dichlorodifluoromethane
Concen: 15.922 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23

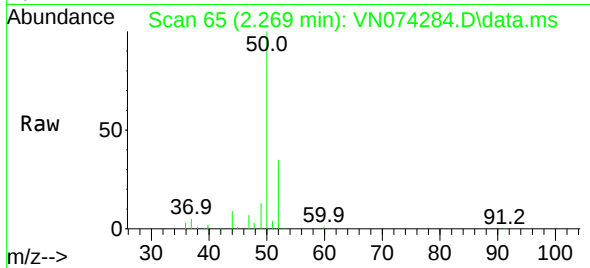
Tgt Ion: 85 Resp: 43185
Ion Ratio Lower Upper
85 100
87 33.4 15.7 47.1





#3
Chloromethane
Concen: 16.998 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23

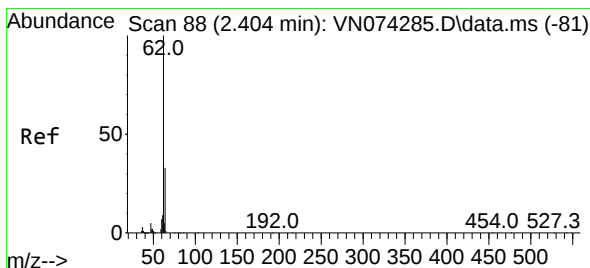
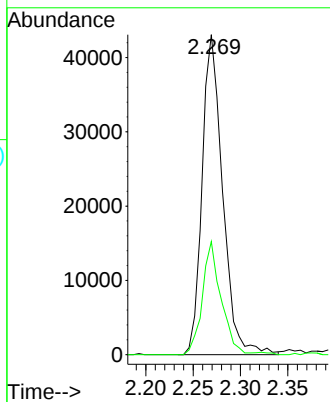
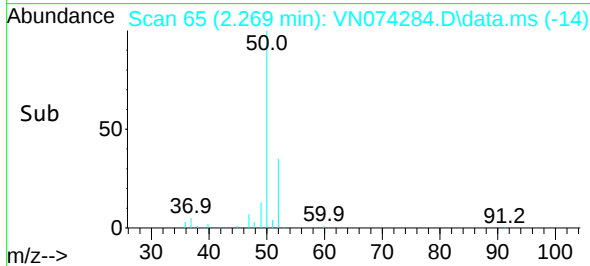
Instrument :
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Tgt Ion: 50 Resp: 64930
Ion Ratio Lower Upper
50 100
52 35.4 25.7 38.5

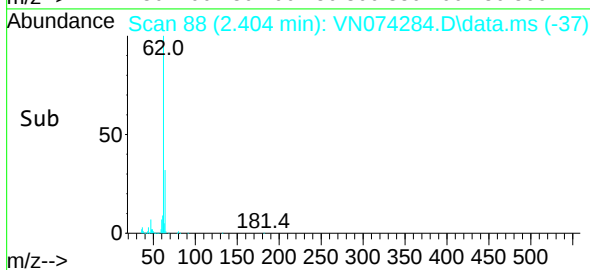
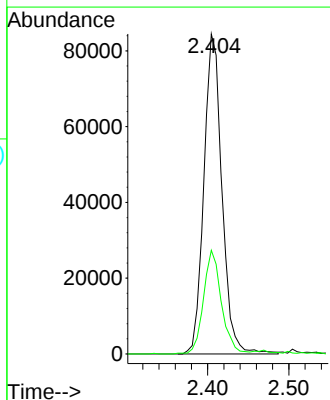
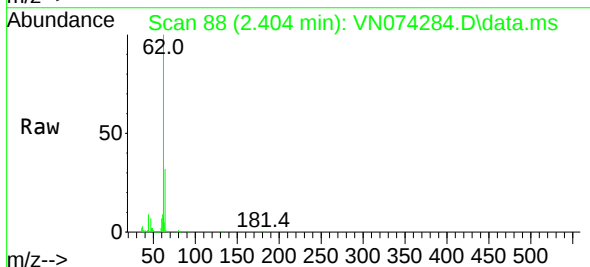
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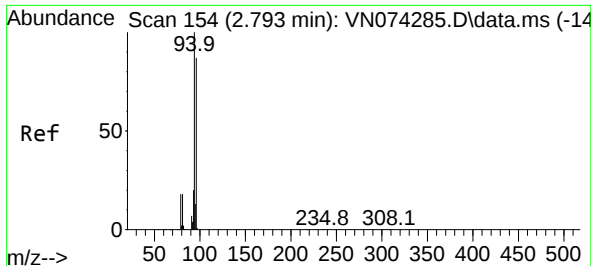
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#4
Vinyl Chloride
Concen: 34.370 ug/l
RT: 2.404 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23

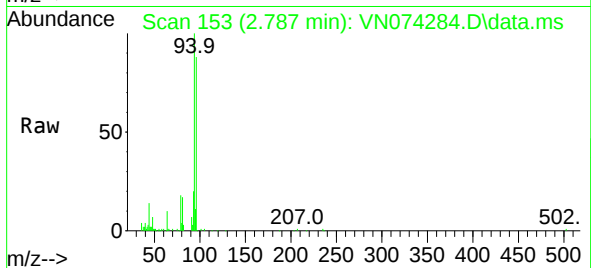
Tgt Ion: 62 Resp: 130471
Ion Ratio Lower Upper
62 100
64 32.2 25.0 37.4





#5
Bromomethane
Concen: 41.738 ug/l
RT: 2.787 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074284.D
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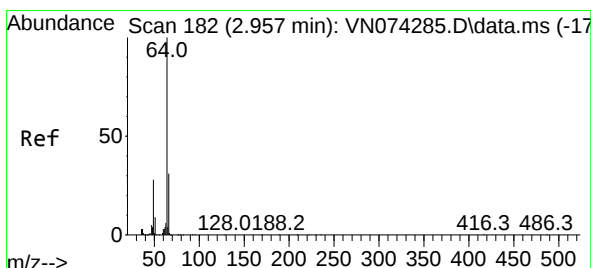
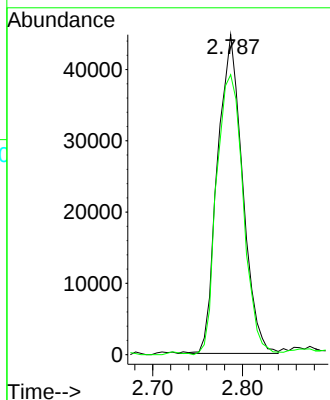
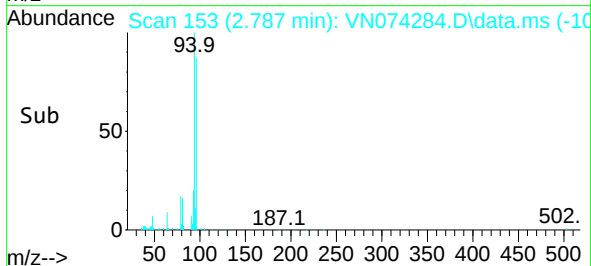
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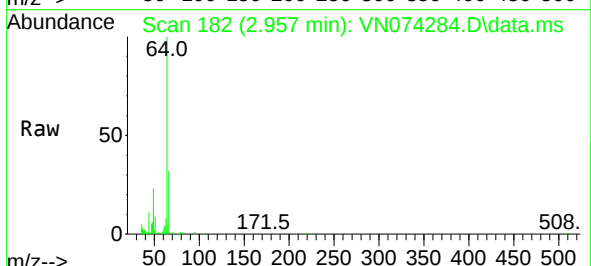
Tgt Ion: 94 Resp: 8662
Ion Ratio Lower Upper
94 100
96 87.2 76.0 114.0

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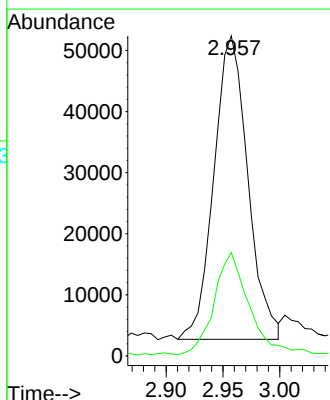
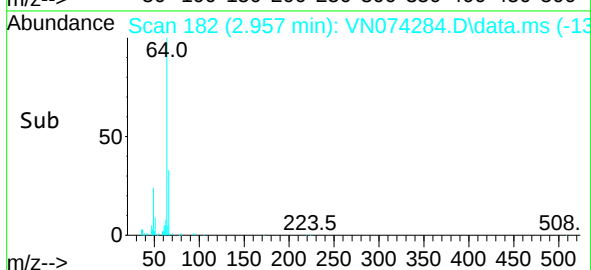
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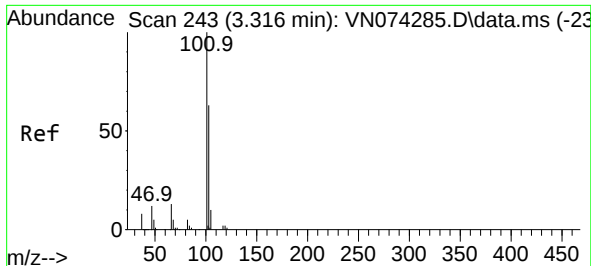


#6
Chloroethane
Concen: 35.481 ug/l
RT: 2.957 min Scan# 182
Delta R.T. 0.006 min
Lab File: VN074284.D
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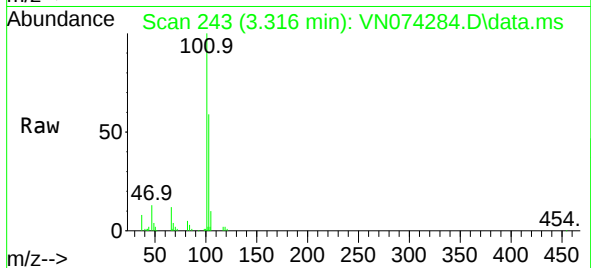
Tgt Ion: 64 Resp: 103330
Ion Ratio Lower Upper
64 100
66 33.6 26.2 39.4





#7
Trichlorofluoromethane
Concen: 15.692 ug/l
RT: 3.316 min Scan# 243
Delta R.T. 0.006 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23

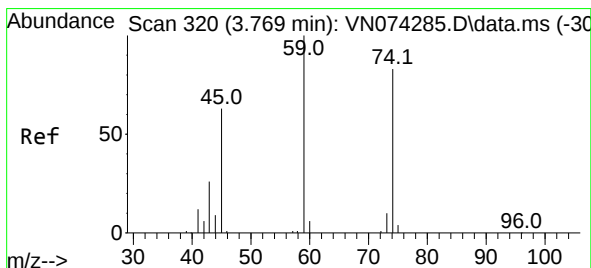
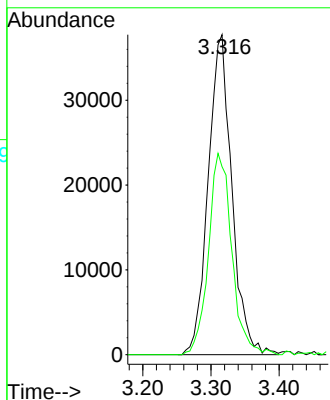
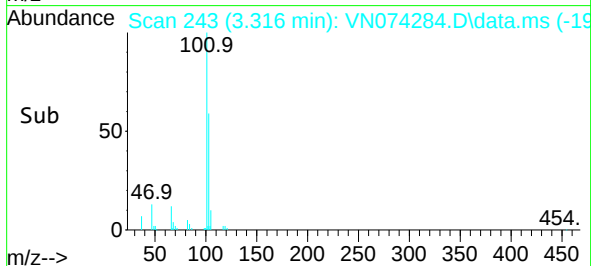
Instrument :
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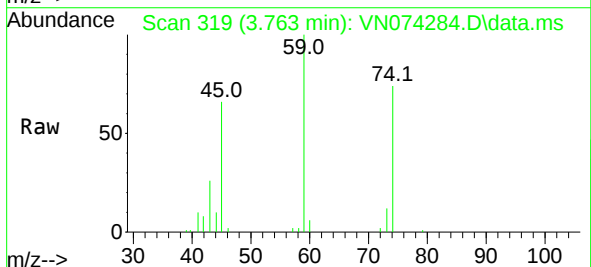
Tgt Ion:101 Resp: 91064
Ion Ratio Lower Upper
101 100
103 58.7 51.5 77.3

Manual Integrations
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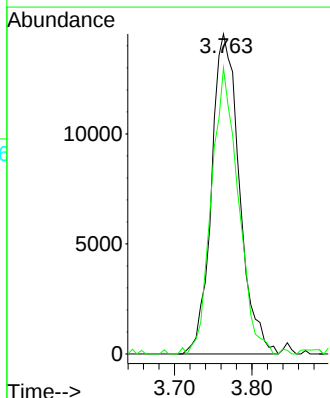
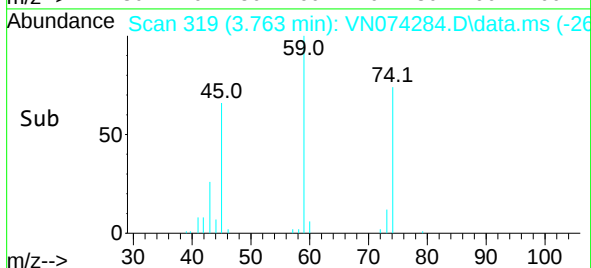
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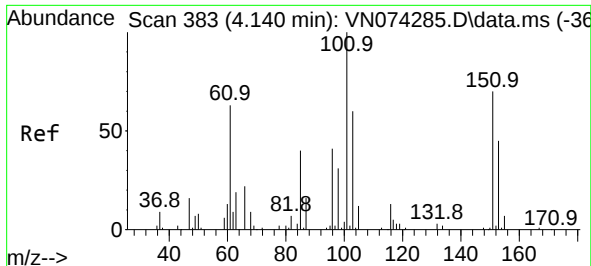


#8
Diethyl Ether
Concen: 14.738 ug/l
RT: 3.763 min Scan# 319
Delta R.T. 0.006 min
Lab File: VN074284.D
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Tgt Ion: 74 Resp: 36373
Ion Ratio Lower Upper
74 100
45 86.1 42.9 128.5





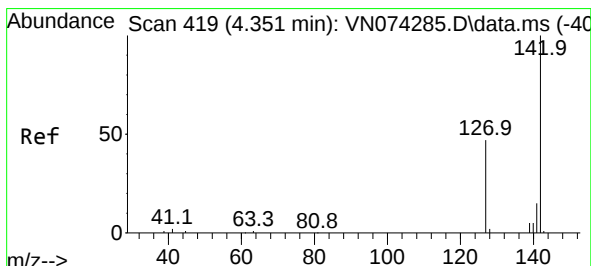
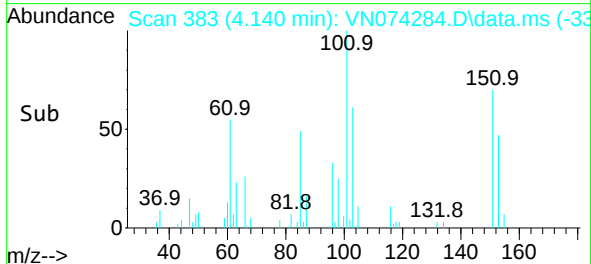
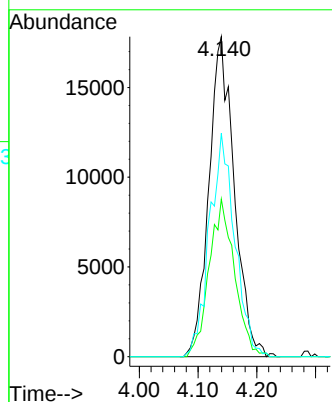
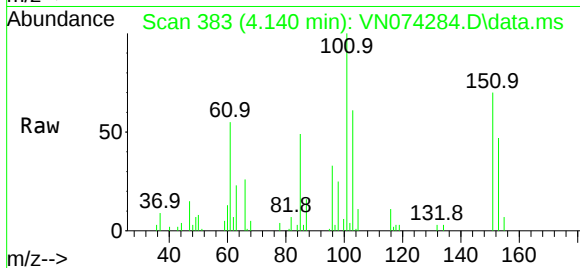
#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.150 ug/l
RT: 4.140 min Scan# 383
Delta R.T. 0.006 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 5352
Ion Ratio Lower Upper
101 100
85 49.2 34.7 52.1
151 69.7 63.0 94.4

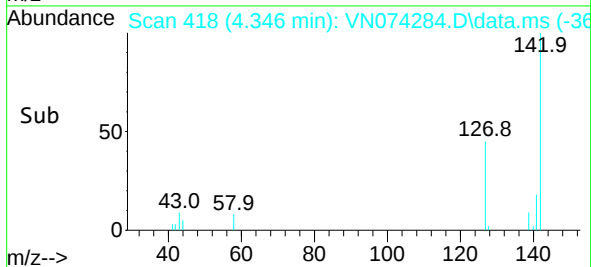
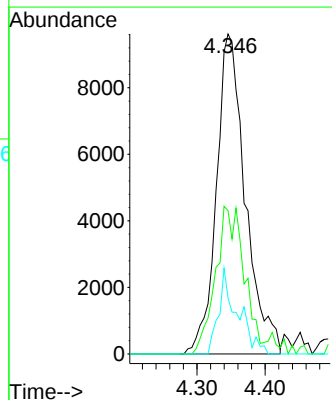
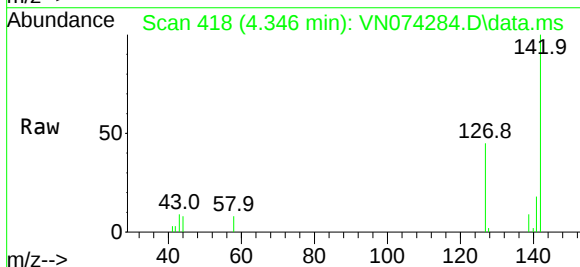
Manual Integrations
APPROVED

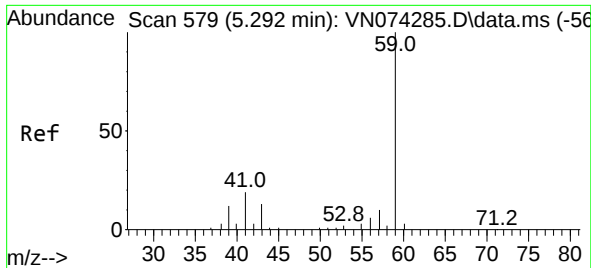
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022



#10
Methyl Iodide
Concen: 10.613 ug/l
RT: 4.346 min Scan# 418
Delta R.T. 0.000 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23

Tgt Ion:142 Resp: 28389
Ion Ratio Lower Upper
142 100
127 45.7 31.3 46.9
141 17.4 11.2 16.8#





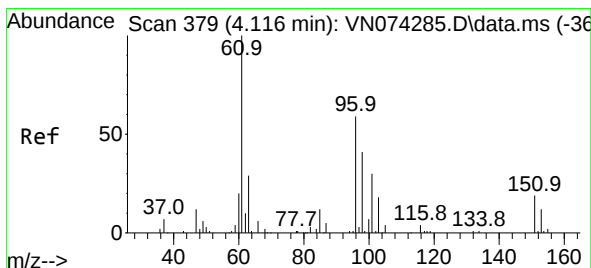
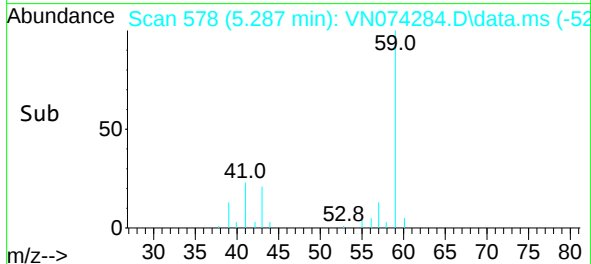
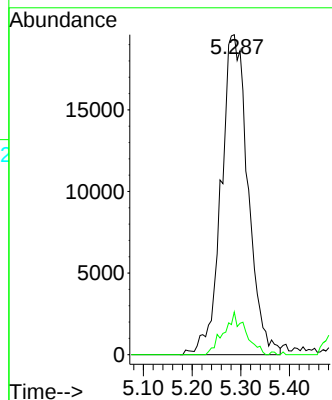
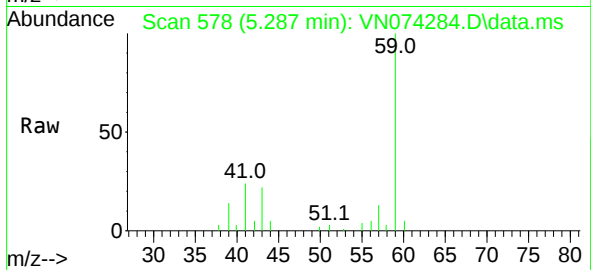
#11
Tert butyl alcohol
Concen: 75.527 ug/l
RT: 5.287 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 59 Resp: 7509
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5

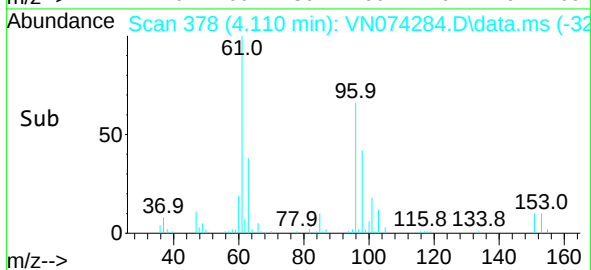
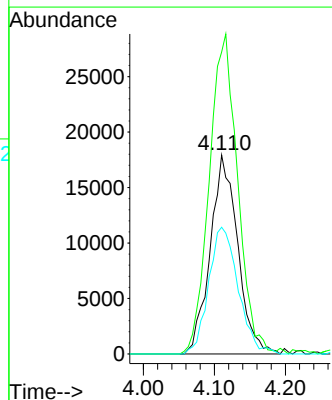
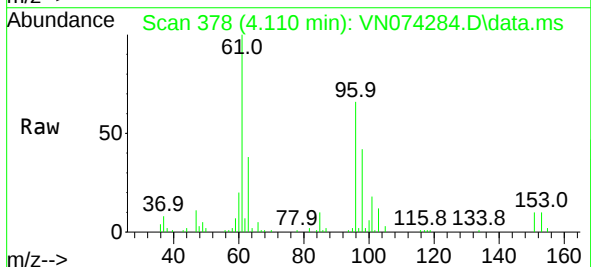
Manual Integrations
APPROVED

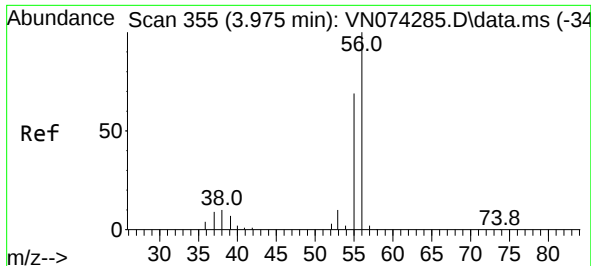
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022



#12
1,1-Dichloroethene
Concen: 15.711 ug/l
RT: 4.110 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23

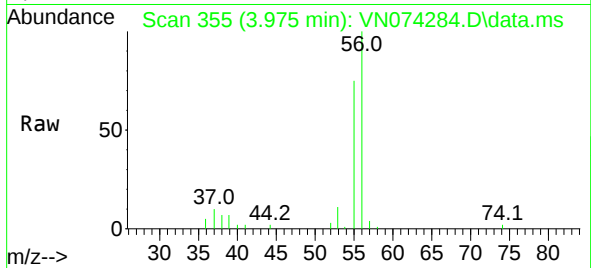
Tgt Ion: 96 Resp: 48285
Ion Ratio Lower Upper
96 100
61 151.8 127.6 191.4
98 63.7 51.2 76.8





#13
Acrolein
Concen: 54.634 ug/l
RT: 3.975 min Scan# 355
Delta R.T. 0.000 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23

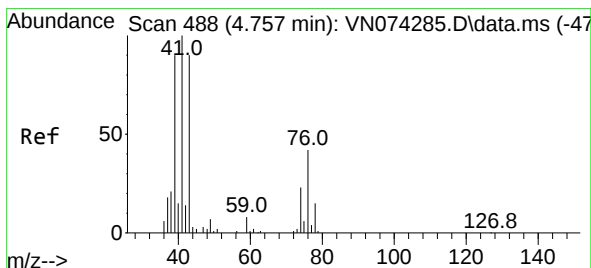
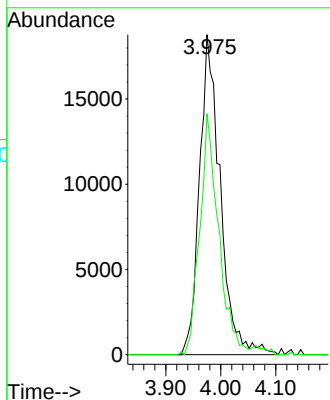
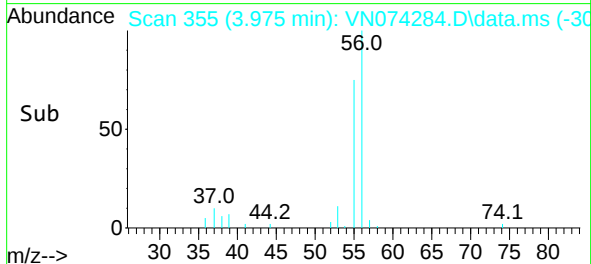
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 56 Resp: 49108
Ion Ratio Lower Upper
56 100
55 68.9 54.8 82.2

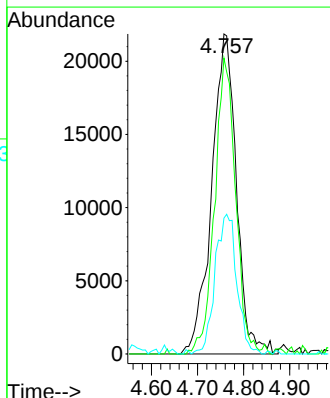
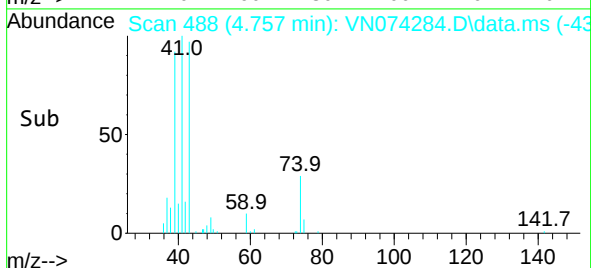
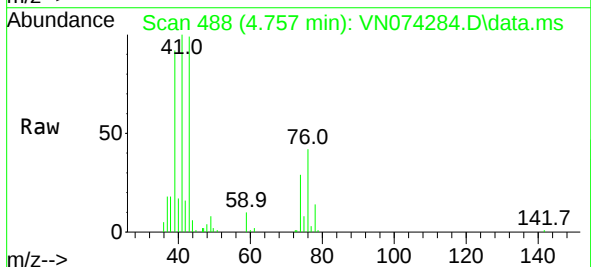
Manual Integrations
APPROVED

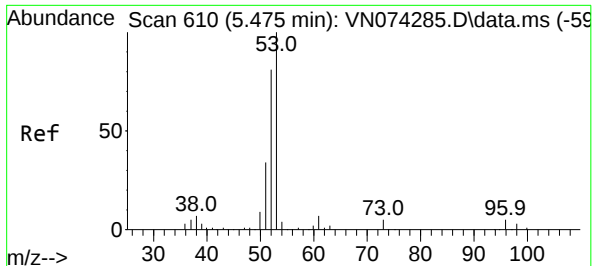
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022



#14
Allyl chloride
Concen: 11.909 ug/l
RT: 4.757 min Scan# 488
Delta R.T. 0.000 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23

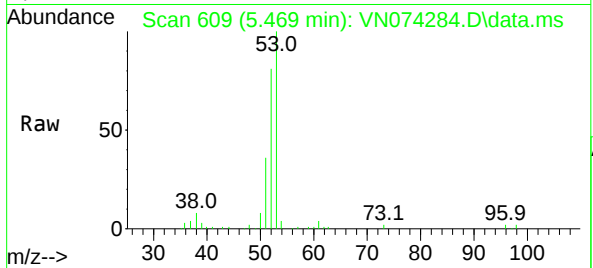
Tgt Ion: 41 Resp: 81619
Ion Ratio Lower Upper
41 100
39 77.9 53.2 79.8
76 38.3 29.9 44.9





#15
Acrylonitrile
Concen: 66.040 ug/l
RT: 5.469 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23

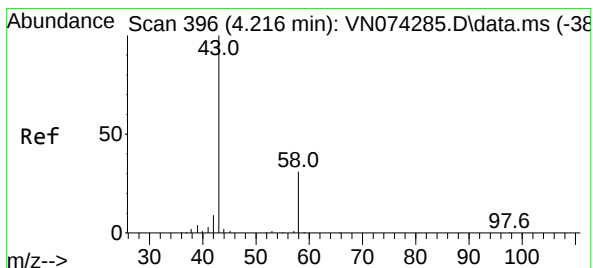
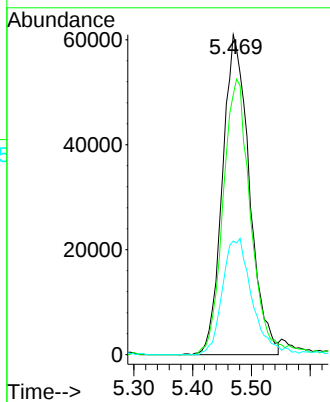
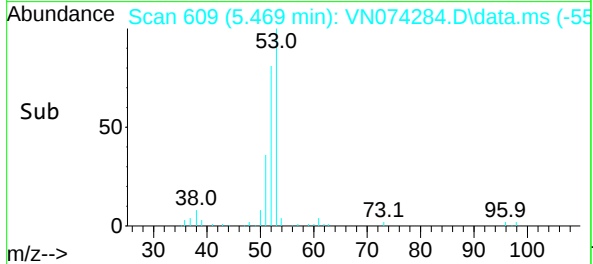
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC020



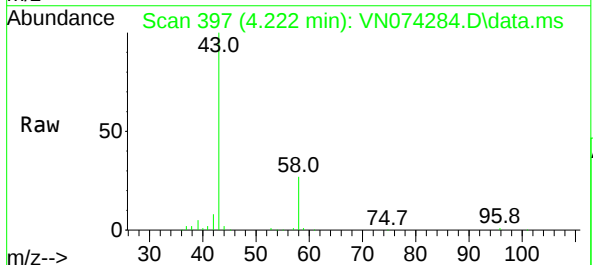
Tgt Ion: 53 Resp: 193990
Ion Ratio Lower Upper
53 100
52 88.7 66.4 99.6
51 40.0 28.5 42.7

Manual Integrations
APPROVED

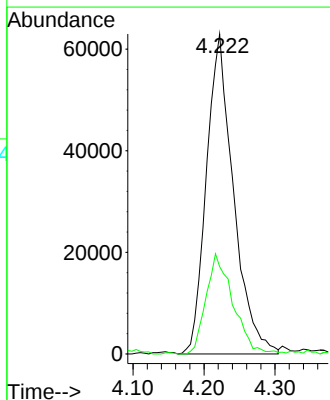
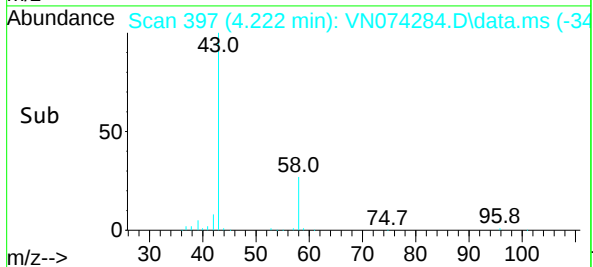
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022

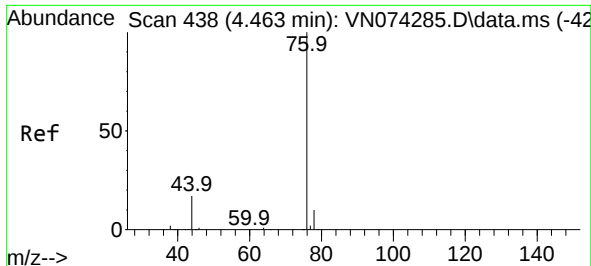


#16
Acetone
Concen: 61.310 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23



Tgt Ion: 43 Resp: 166584
Ion Ratio Lower Upper
43 100
58 27.3 26.0 39.0





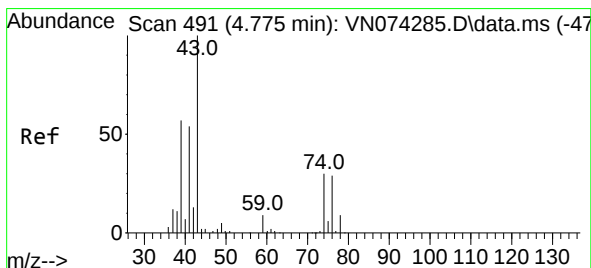
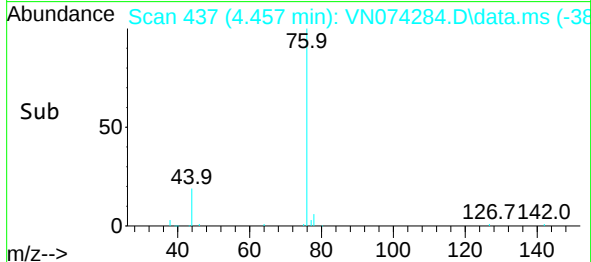
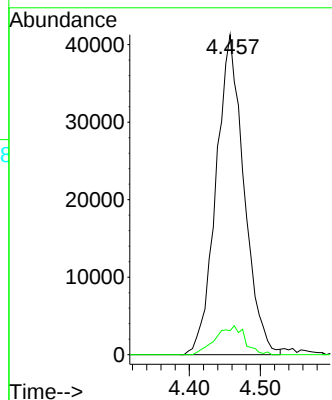
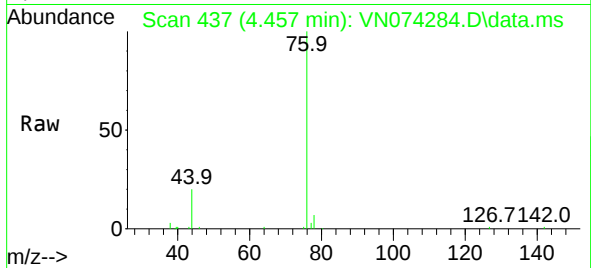
#17
Carbon Disulfide
Concen: 12.890 ug/l
RT: 4.457 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 76 Resp: 11274
Ion Ratio Lower Upper
76 100
78 7.5 7.2 10.8

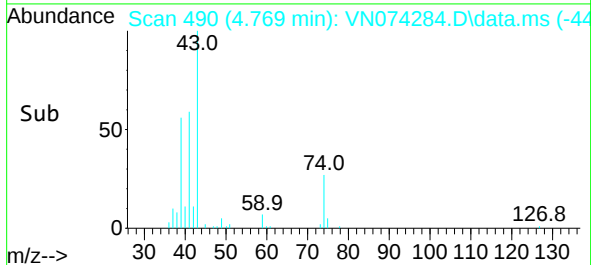
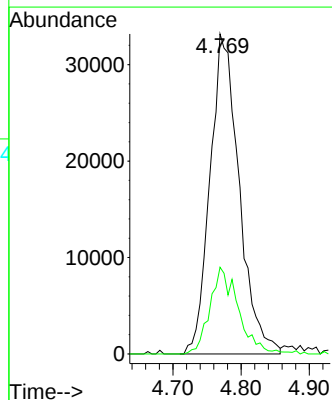
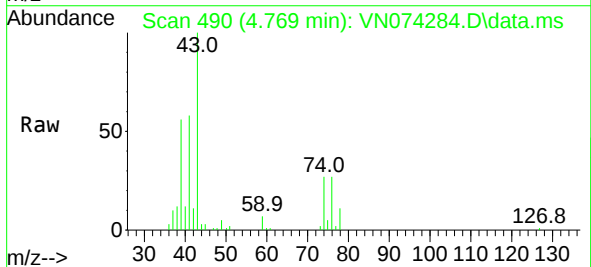
Manual Integrations
APPROVED

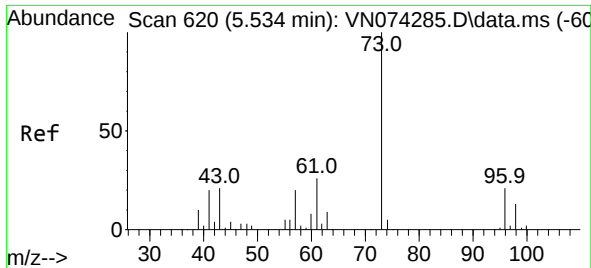
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022



#18
Methyl Acetate
Concen: 12.012 ug/l
RT: 4.769 min Scan# 490
Delta R.T. -0.006 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23

Tgt Ion: 43 Resp: 98623
Ion Ratio Lower Upper
43 100
74 26.4 21.6 32.4





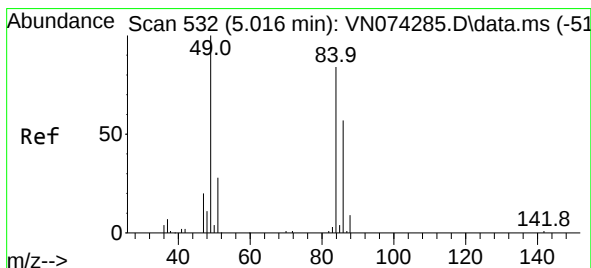
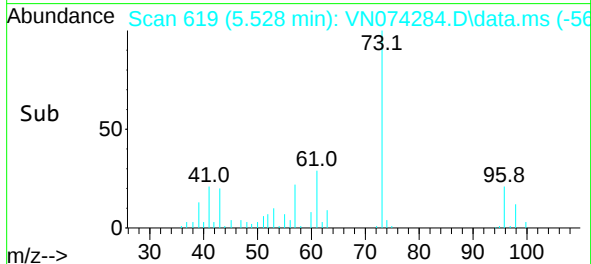
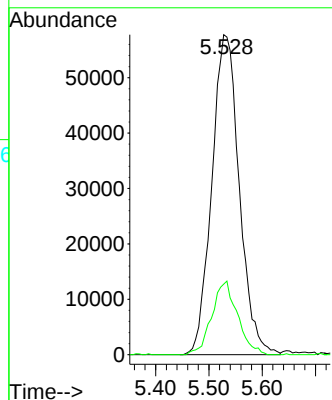
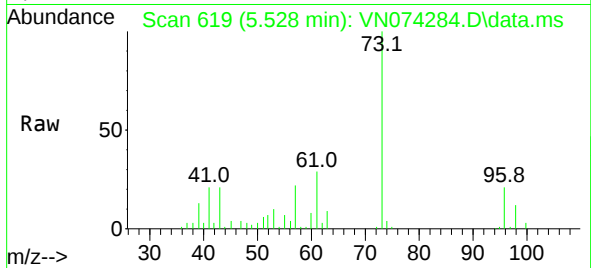
#19
Methyl tert-butyl Ether
Concen: 18.190 ug/l
RT: 5.528 min Scan# 619
Delta R.T. -0.006 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 20677
Ion Ratio Lower Upper
73 100
57 22.1 17.6 26.4

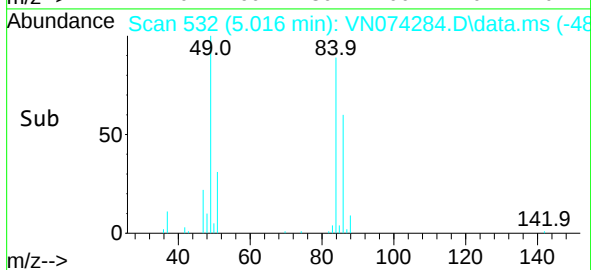
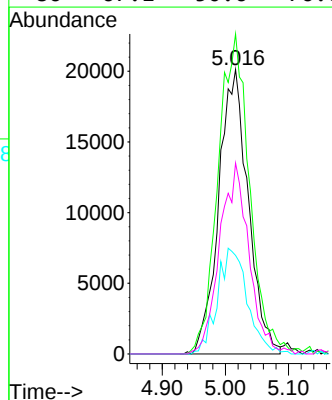
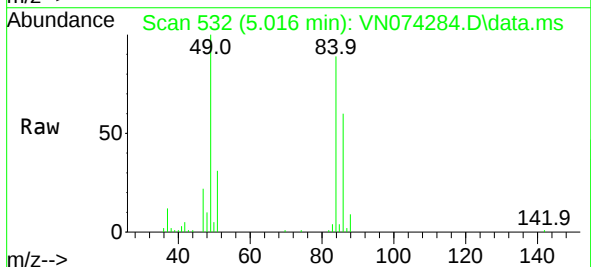
Manual Integrations
APPROVED

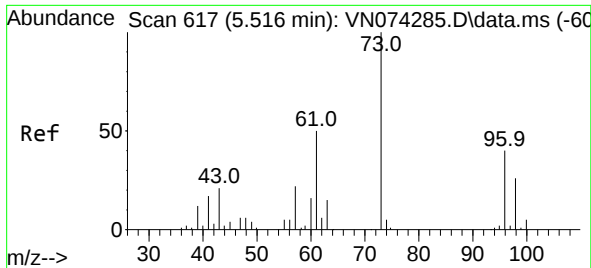
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022



#20
Methylene Chloride
Concen: 14.083 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.006 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23

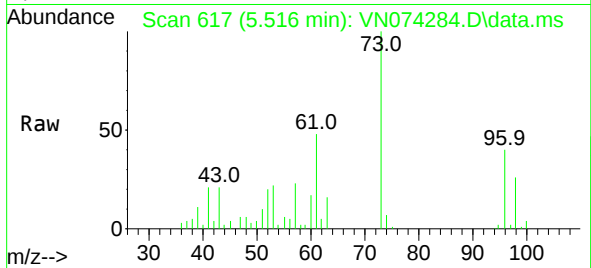
Tgt Ion: 84 Resp: 65274
Ion Ratio Lower Upper
84 100
49 112.5 88.3 132.5
51 34.6 28.2 42.2
86 67.1 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 15.977 ug/l
RT: 5.516 min Scan# 617
Delta R.T. 0.000 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23

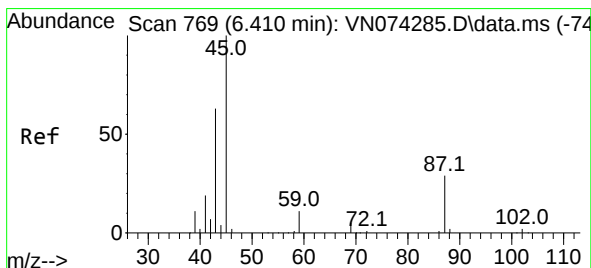
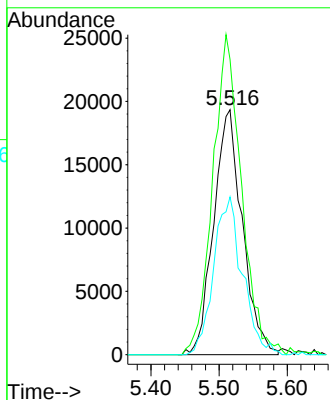
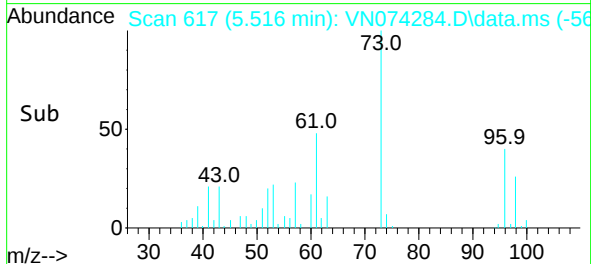
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



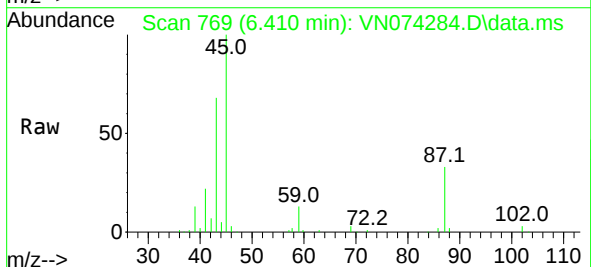
Tgt Ion: 96 Resp: 5667
Ion Ratio Lower Upper
96 100
61 120.5 105.8 158.8
98 64.4 50.3 75.5

Manual Integrations
APPROVED

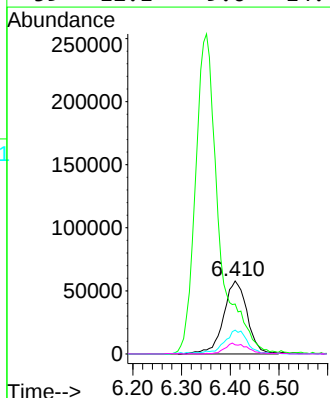
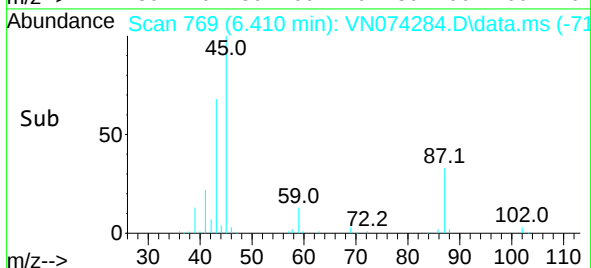
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022

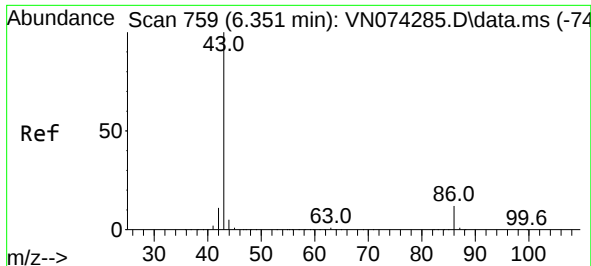


#22
Diisopropyl ether
Concen: 13.965 ug/l
RT: 6.410 min Scan# 769
Delta R.T. -0.006 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23



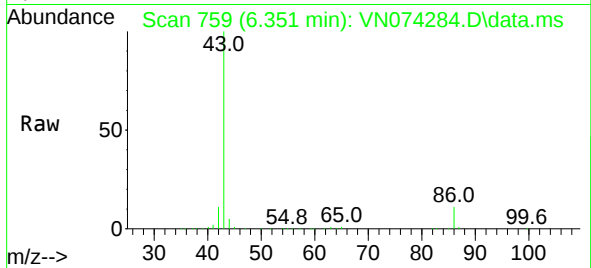
Tgt Ion: 45 Resp: 194990
Ion Ratio Lower Upper
45 100
43 66.2 46.6 70.0
87 31.9 24.3 36.5
59 12.1 9.6 14.4





#23
 Vinyl Acetate
 Concen: 71.528 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. 0.000 min
 Lab File: VN074284.D
 Acq: 02 Sep 2022 13:23

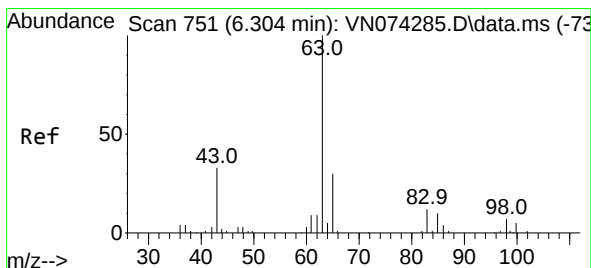
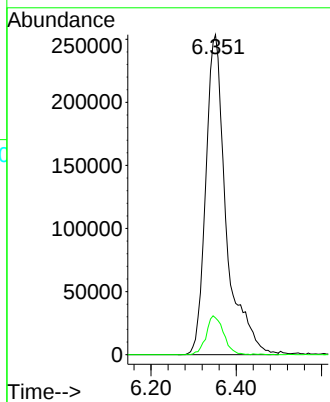
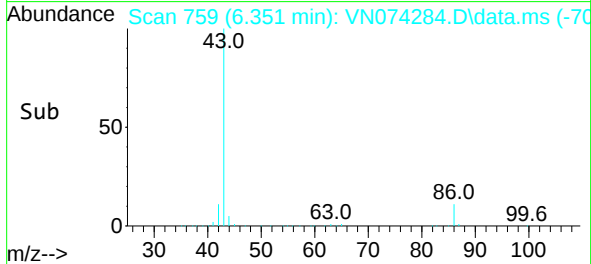
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



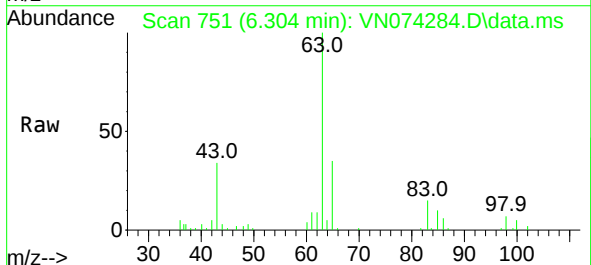
Tgt Ion: 43 Resp: 843250
 Ion Ratio Lower Upper
 43 100
 86 11.5 10.0 15.0

Manual Integrations
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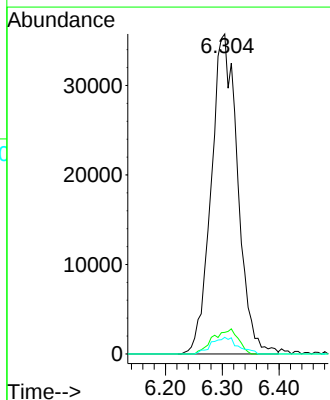
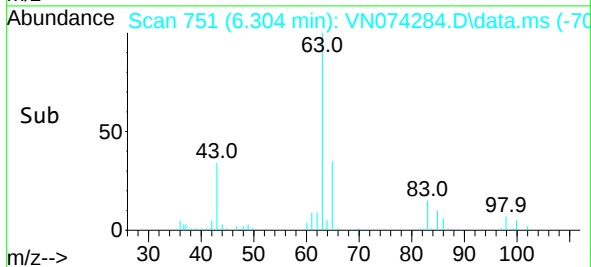
Reviewed By :John Carlone 09/03/2022
 Supervised By :Mahesh Dadoda 09/06/2022

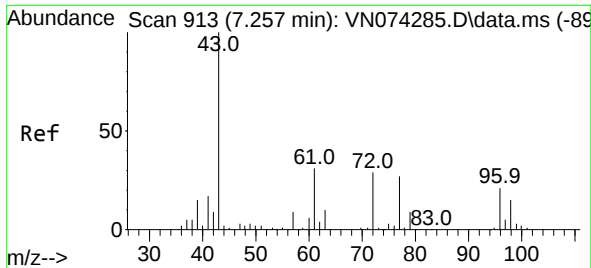


#24
 1,1-Dichloroethane
 Concen: 16.824 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. 0.000 min
 Lab File: VN074284.D
 Acq: 02 Sep 2022 13:23



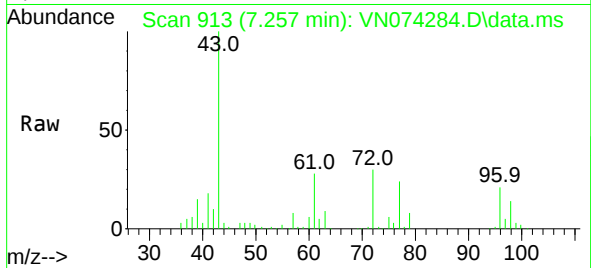
Tgt Ion: 63 Resp: 115892
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.4
 100 5.2 2.3 6.8





#25
2-Butanone
Concen: 66.719 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23

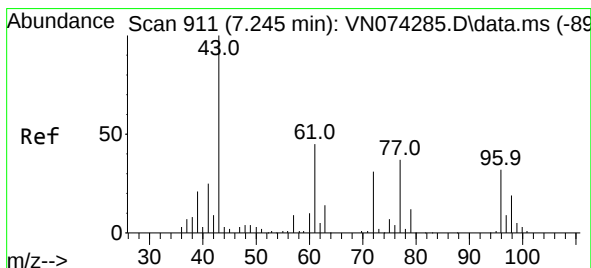
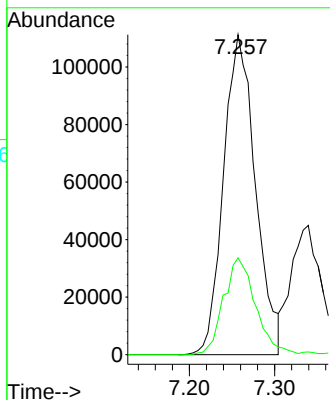
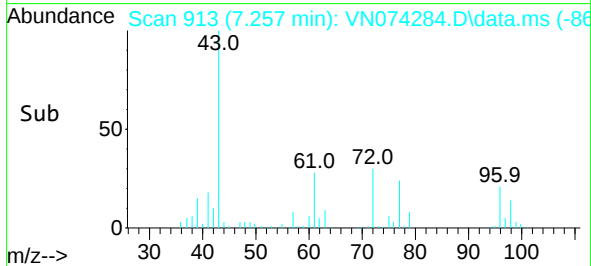
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC020



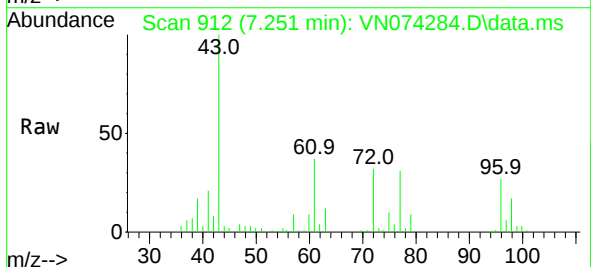
Tgt Ion: 43 Resp: 289998
Ion Ratio Lower Upper
43 100
72 30.4 23.7 35.5

Manual Integrations
APPROVED

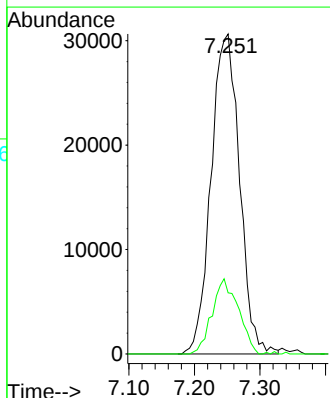
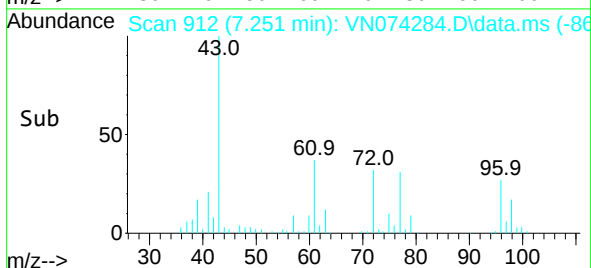
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022

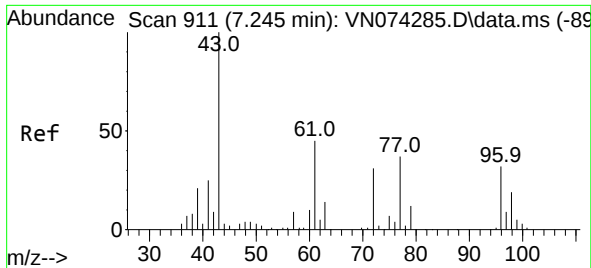


#26
2,2-Dichloropropane
Concen: 19.254 ug/l
RT: 7.251 min Scan# 912
Delta R.T. 0.006 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23



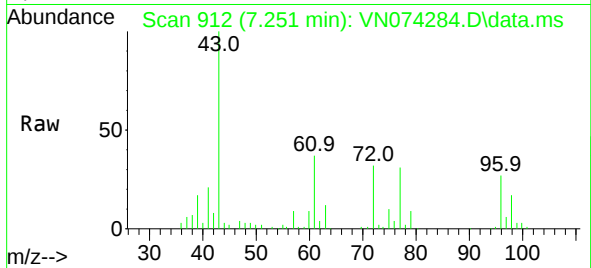
Tgt Ion: 77 Resp: 92271
Ion Ratio Lower Upper
77 100
97 21.8 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 18.332 ug/l
 RT: 7.251 min Scan# 911
 Delta R.T. 0.006 min
 Lab File: VN074284.D
 Acq: 02 Sep 2022 13:23

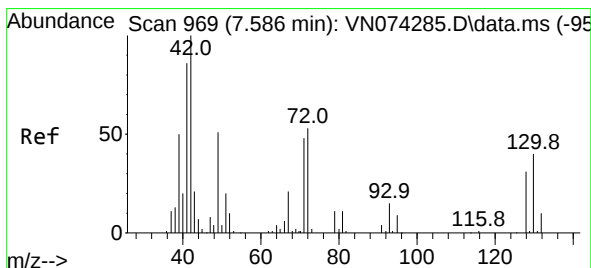
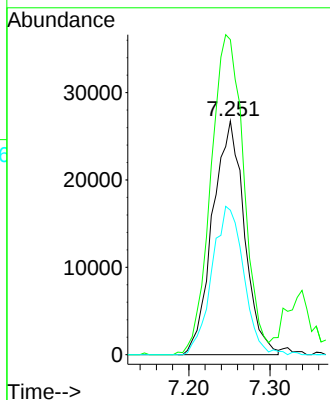
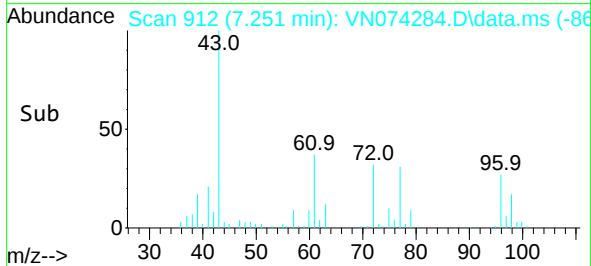
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



Tgt Ion: 96 Resp: 72629
 Ion Ratio Lower Upper
 96 100
 61 141.4 0.0 280.6
 98 63.5 0.0 128.4

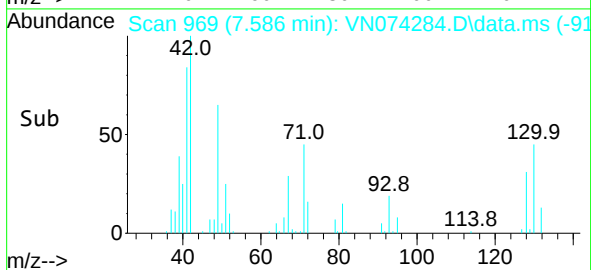
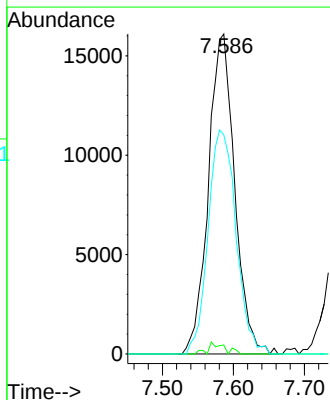
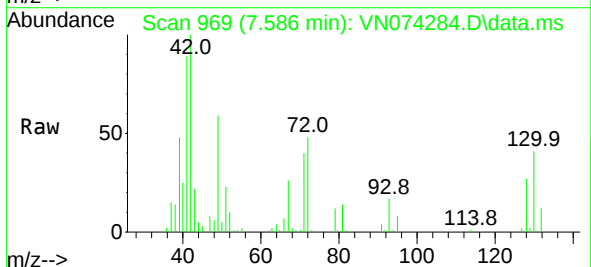
Manual Integrations
 APPROVED

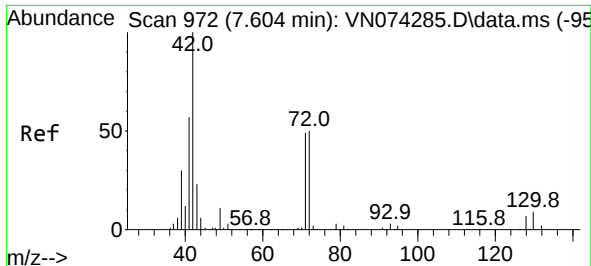
Reviewed By :John Carlone 09/03/2022
 Supervised By :Mahesh Dadoda 09/06/2022



#28
 Bromochloromethane
 Concen: 15.099 ug/l
 RT: 7.586 min Scan# 969
 Delta R.T. 0.000 min
 Lab File: VN074284.D
 Acq: 02 Sep 2022 13:23

Tgt Ion: 49 Resp: 41409
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.6
 130 74.3 69.7 104.5





#29

Tetrahydrofuran

Concen: 65.957 ug/l

RT: 7.610 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN074284.D

Acq: 02 Sep 2022 13:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 42 Resp: 182578

Ion Ratio Lower Upper

42 100

72 52.1 39.7 59.5

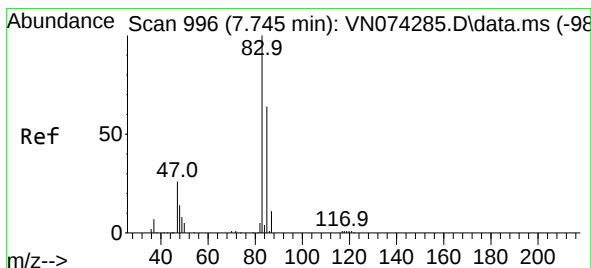
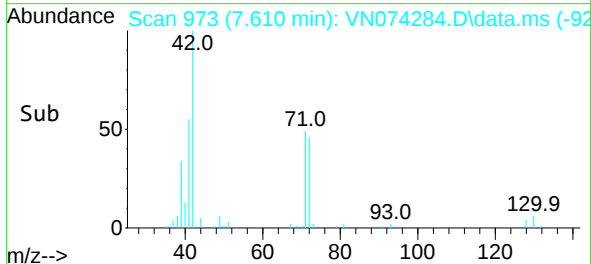
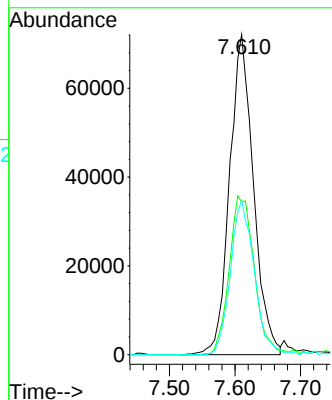
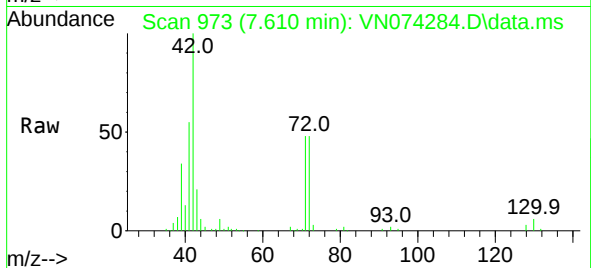
71 48.1 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2022

Supervised By :Mahesh Dadoda 09/06/2022



#30

Chloroform

Concen: 18.272 ug/l

RT: 7.751 min Scan# 997

Delta R.T. 0.006 min

Lab File: VN074284.D

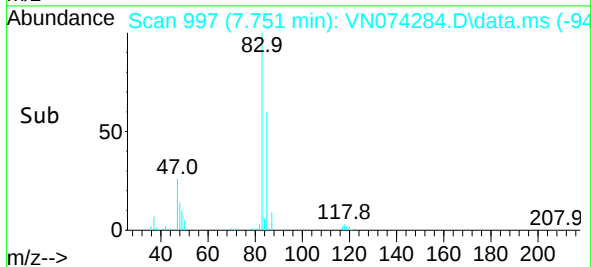
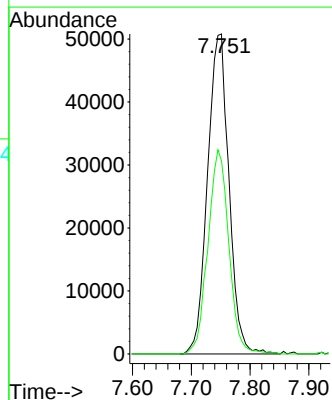
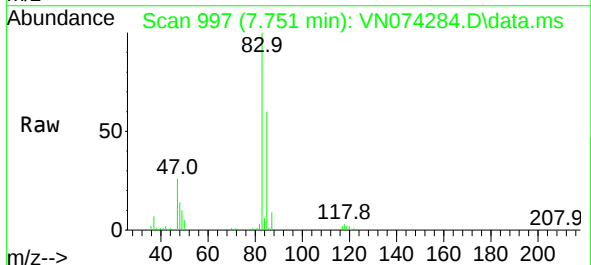
Acq: 02 Sep 2022 13:23

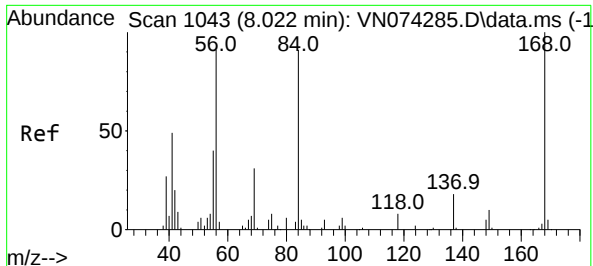
Tgt Ion: 83 Resp: 128302

Ion Ratio Lower Upper

83 100

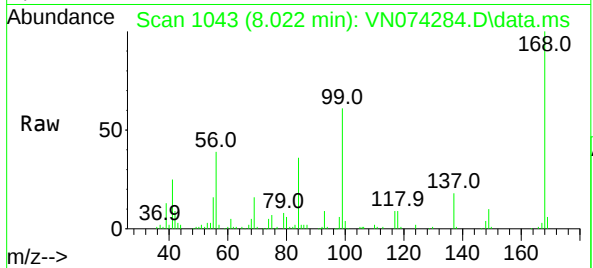
85 60.4 51.8 77.8





#31
Cyclohexane
Concen: 15.213 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23

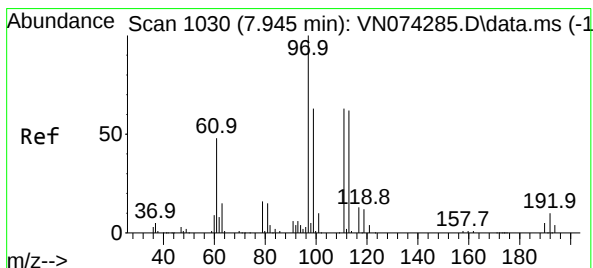
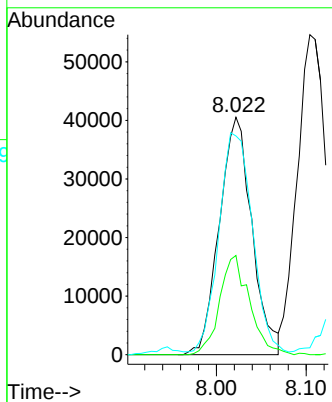
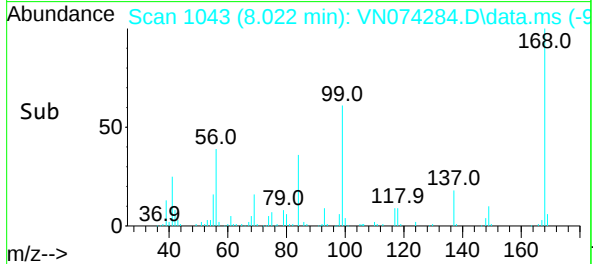
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



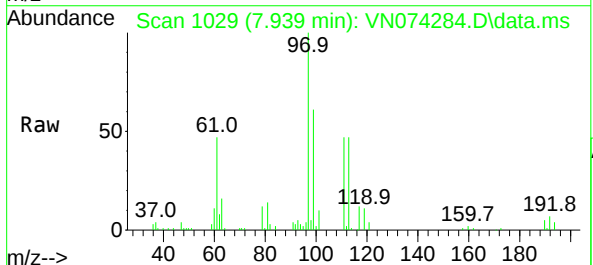
Tgt Ion: 56 Resp: 102210
Ion Ratio Lower Upper
56 100
69 41.8 27.8 41.8
84 90.4 76.9 115.3

Manual Integrations
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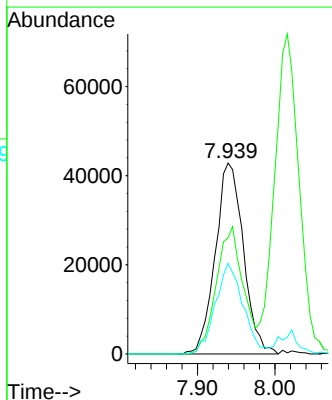
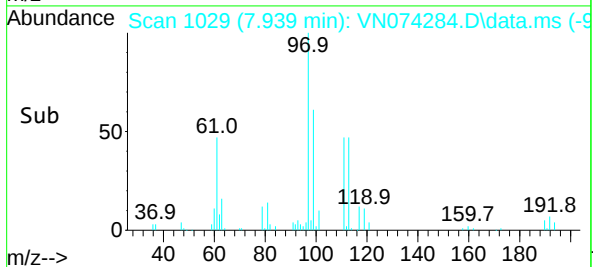
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022

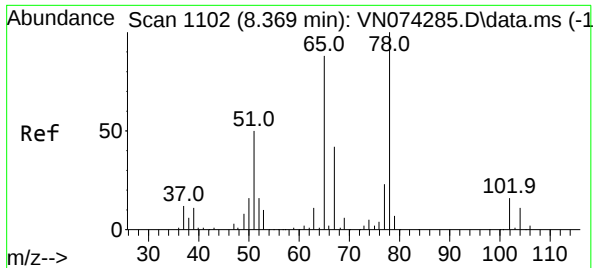


#32
1,1,1-Trichloroethane
Concen: 19.981 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23



Tgt Ion: 97 Resp: 107903
Ion Ratio Lower Upper
97 100
99 63.4 50.6 76.0
61 47.3 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 21.367 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN074284.D

Acq: 02 Sep 2022 13:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 86884

Ion Ratio Lower Upper

65 100

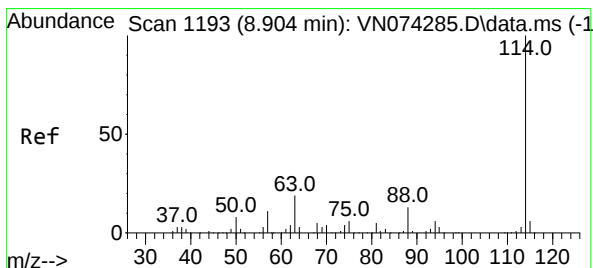
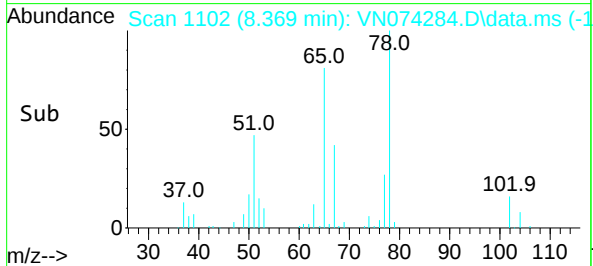
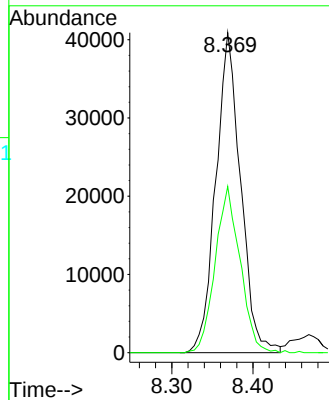
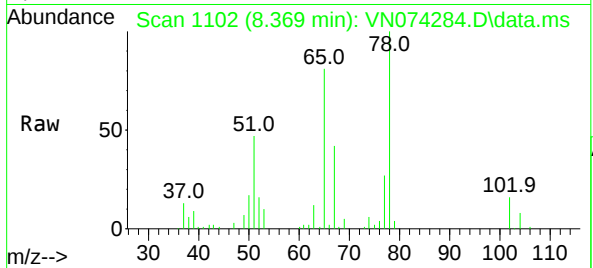
67 52.2 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2022

Supervised By :Mahesh Dadoda 09/06/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074284.D

Acq: 02 Sep 2022 13:23

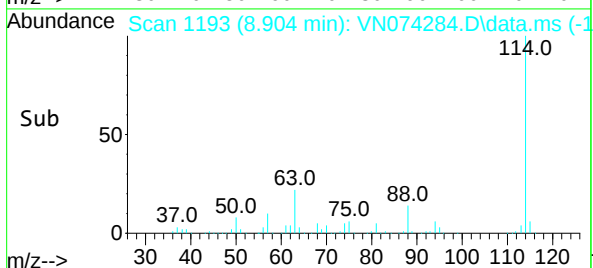
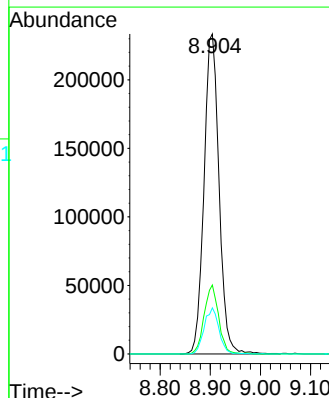
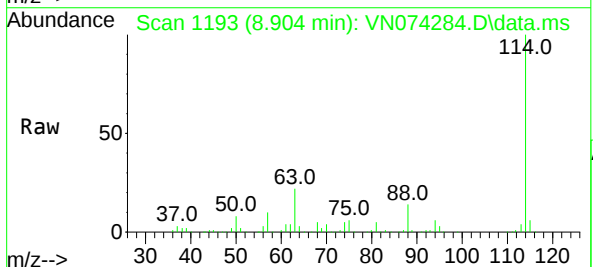
Tgt Ion:114 Resp: 486363

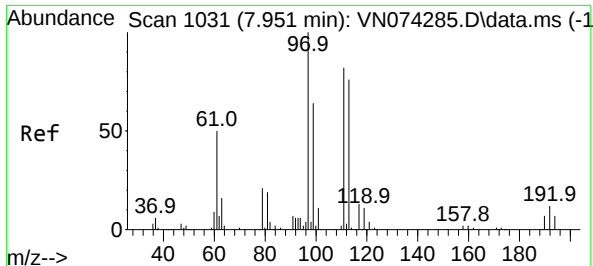
Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.0

88 14.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 21.614 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VN074284.D

Acq: 02 Sep 2022 13:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

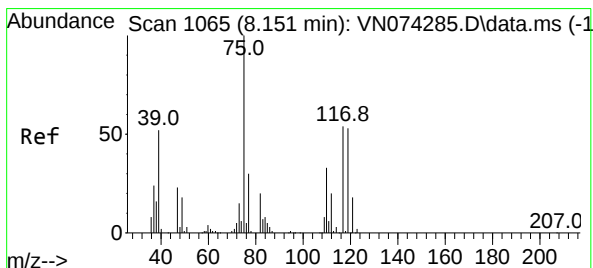
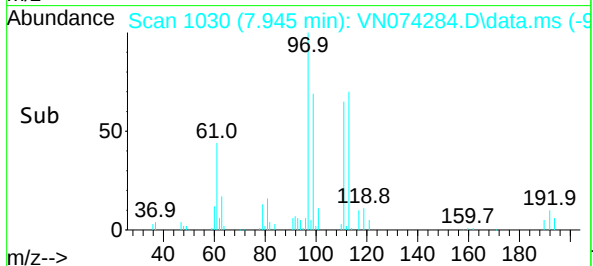
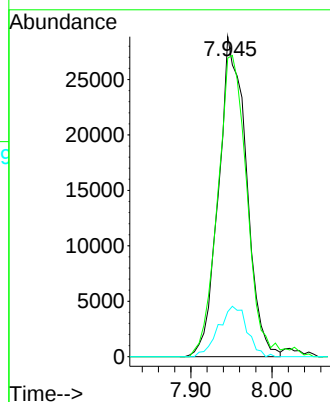
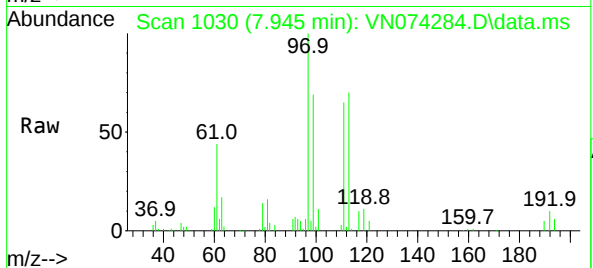
Tgt Ion:	113	Resp:	6840
Ion Ratio	Lower	Upper	
113	100		
111	100.3	81.4	122.0
192	16.2	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2022

Supervised By :Mahesh Dadoda 09/06/2022



#36

1,1-Dichloropropene

Concen: 16.626 ug/l

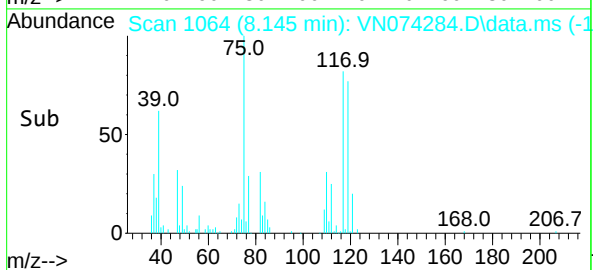
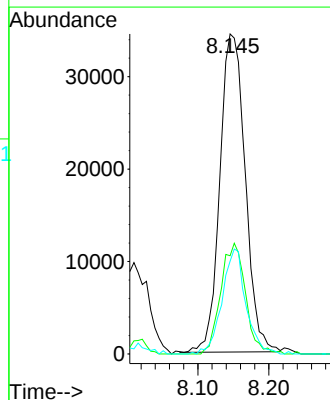
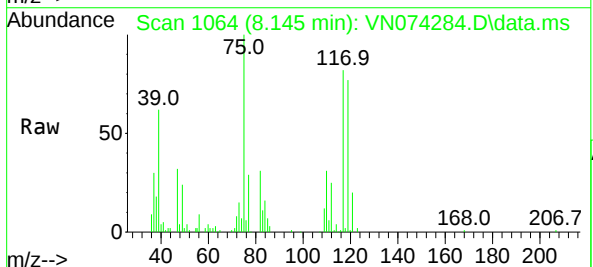
RT: 8.145 min Scan# 1064

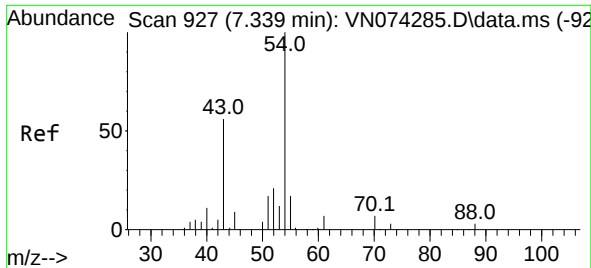
Delta R.T. -0.012 min

Lab File: VN074284.D

Acq: 02 Sep 2022 13:23

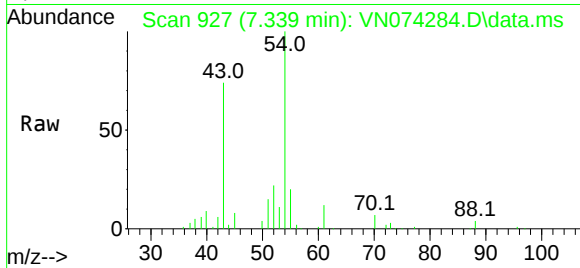
Tgt Ion:	75	Resp:	85374
Ion Ratio	Lower	Upper	
75	100		
110	34.0	18.3	54.8
77	30.9	25.1	37.7





#37
Ethyl Acetate
Concen: 12.833 ug/l
RT: 7.339 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23

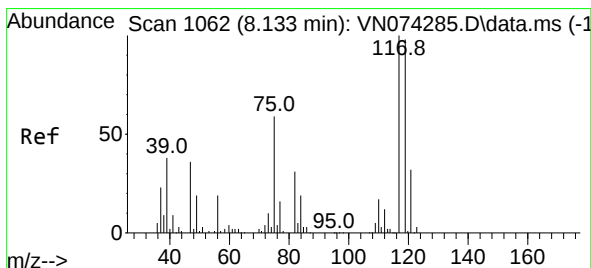
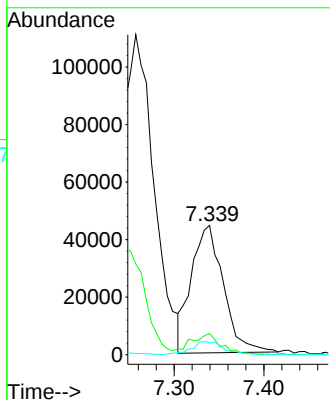
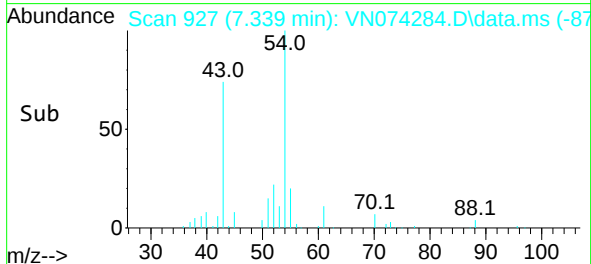
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 11020
Ion Ratio Lower Upper
43 100
61 15.8 11.8 17.6
70 10.4 9.3 13.9

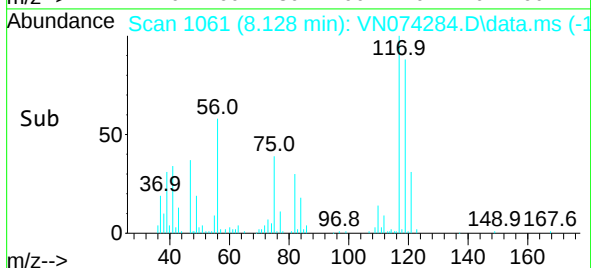
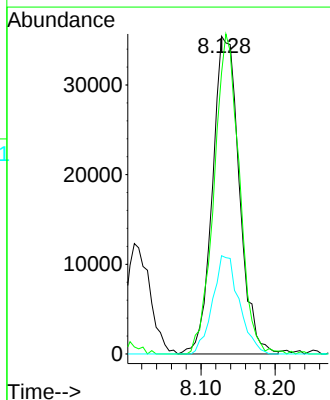
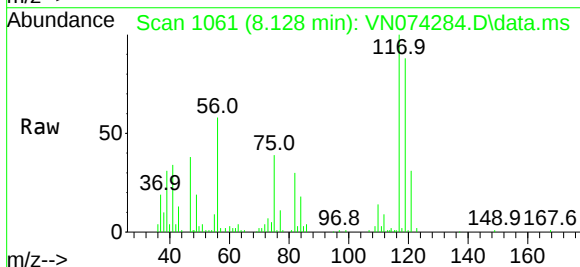
Manual Integrations
APPROVED

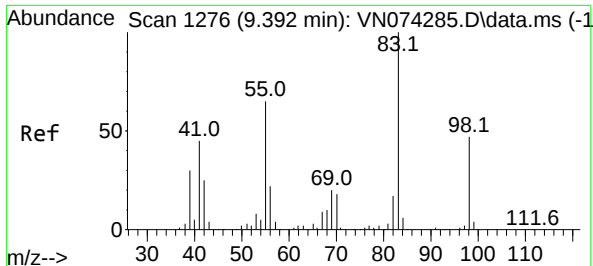
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022



#38
Carbon Tetrachloride
Concen: 18.100 ug/l
RT: 8.128 min Scan# 1061
Delta R.T. -0.005 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23

Tgt Ion:117 Resp: 88830
Ion Ratio Lower Upper
117 100
119 88.5 75.8 113.8
121 30.9 24.6 37.0





#39

Methylcyclohexane

Concen: 17.714 ug/l

RT: 9.392 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN074284.D

Acq: 02 Sep 2022 13:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 83 Resp: 10678

Ion Ratio Lower Upper

83 100

55 67.3 57.8 86.8

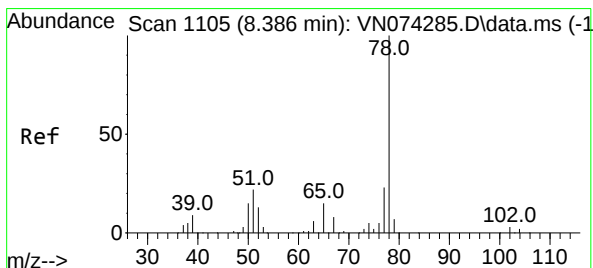
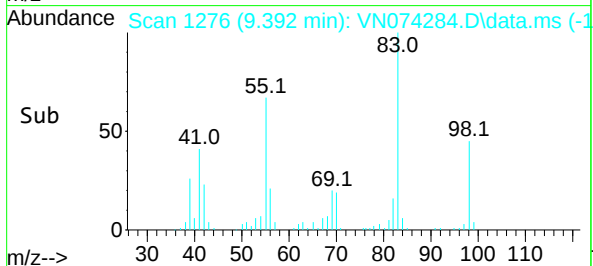
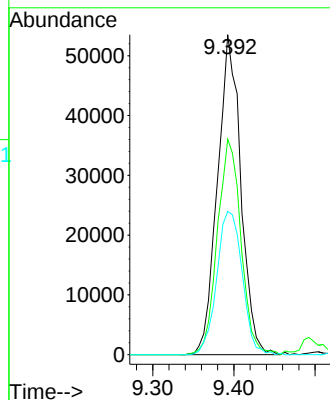
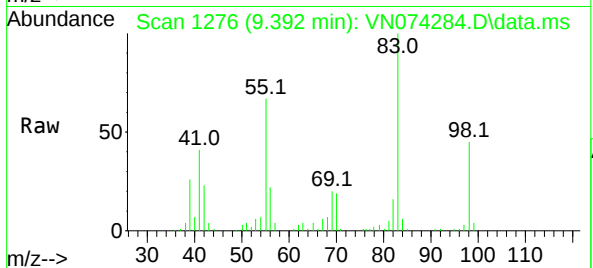
98 44.7 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2022

Supervised By :Mahesh Dadoda 09/06/2022



#40

Benzene

Concen: 17.549 ug/l

RT: 8.386 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VN074284.D

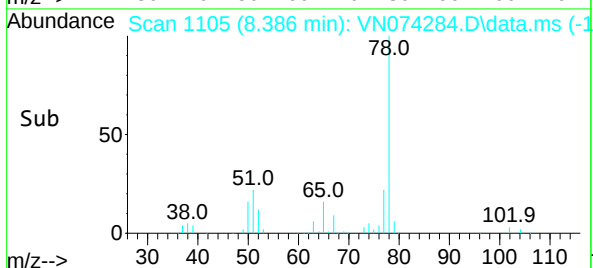
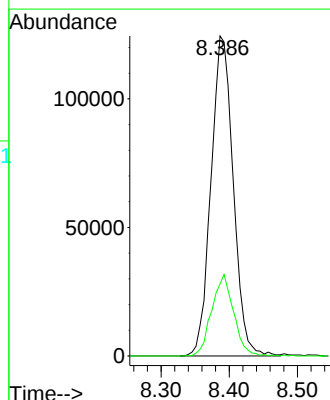
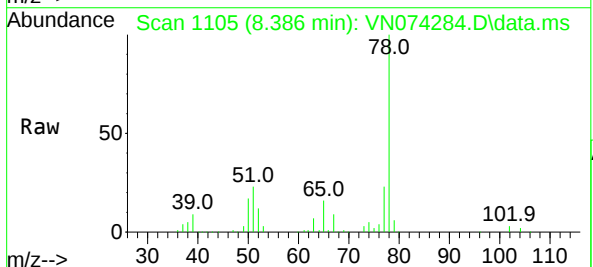
Acq: 02 Sep 2022 13:23

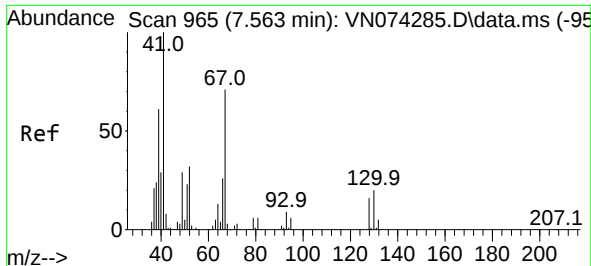
Tgt Ion: 78 Resp: 282961

Ion Ratio Lower Upper

78 100

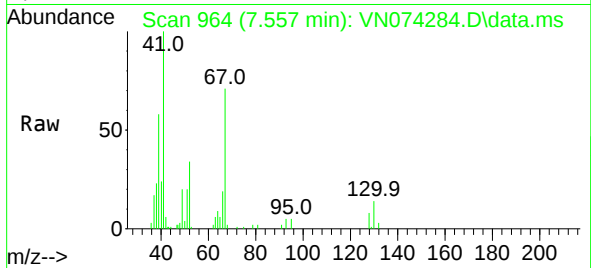
77 22.5 19.4 29.0





#41
Methacrylonitrile
Concen: 14.084 ug/l
RT: 7.557 min Scan# 964
Delta R.T. -0.012 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23

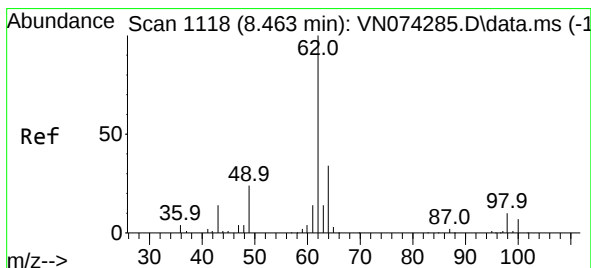
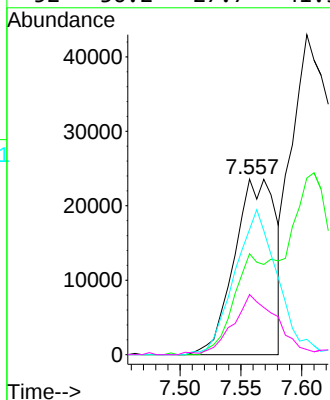
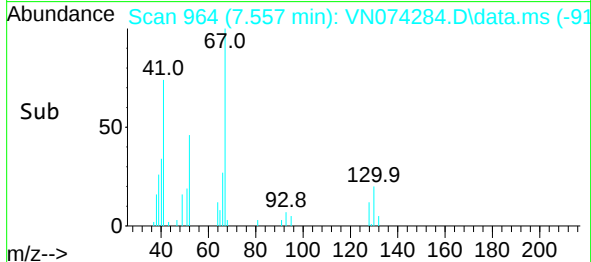
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 41 Resp: 55830
Ion Ratio Lower Upper
41 100
39 42.1 48.6 73.0
67 86.2 73.4 110.2
52 36.2 27.7 41.5

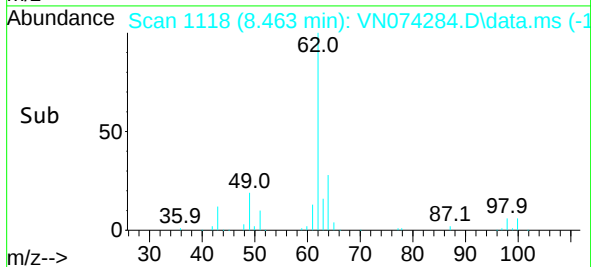
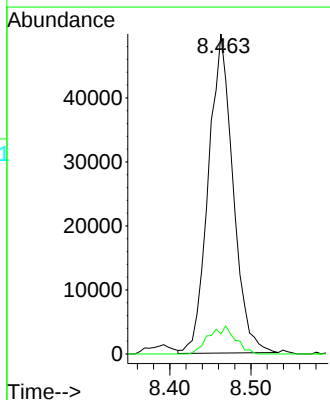
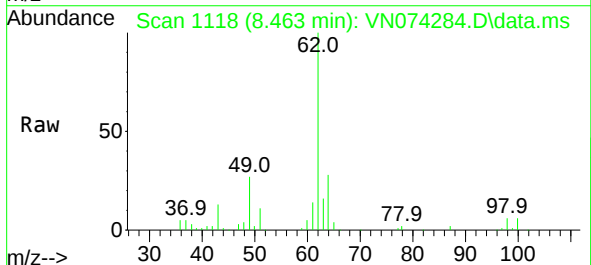
Manual Integrations
APPROVED

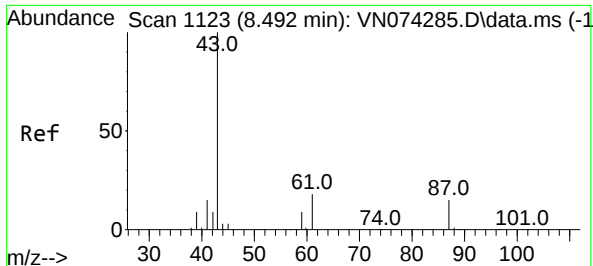
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022



#42
1,2-Dichloroethane
Concen: 18.320 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23

Tgt Ion: 62 Resp: 105120
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.4





#43

Isopropyl Acetate

Concen: 15.134 ug/l

RT: 8.492 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN074284.D

Acq: 02 Sep 2022 13:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

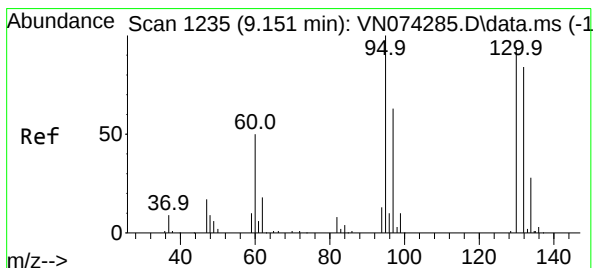
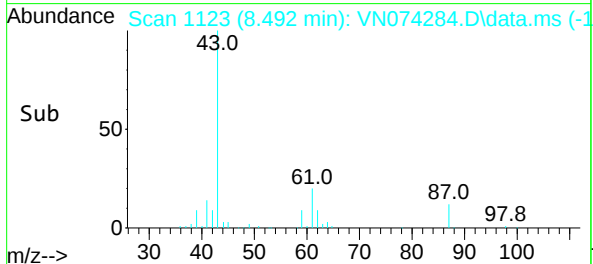
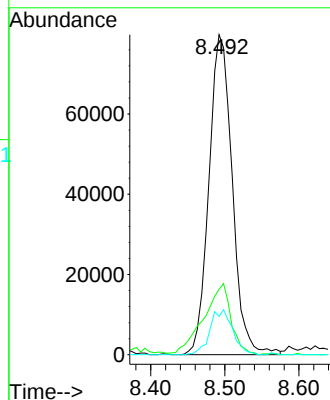
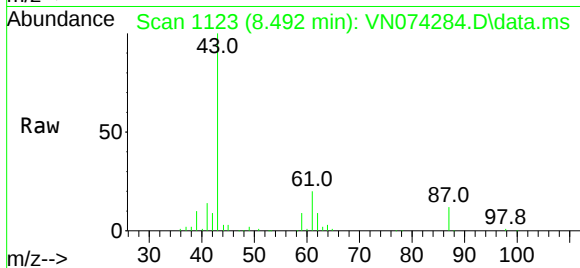
Tgt Ion: 43	Resp: 17471
Ion Ratio	Lower Upper
43	100
61	25.7 21.9 32.9
87	13.7 12.0 18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2022

Supervised By :Mahesh Dadoda 09/06/2022



#44

Trichloroethene

Concen: 18.196 ug/l

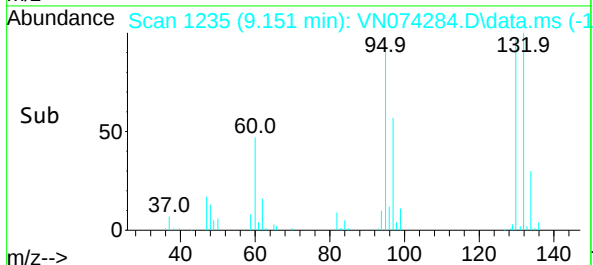
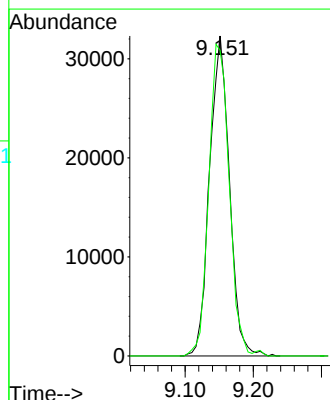
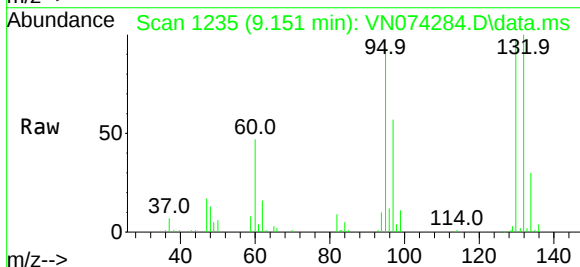
RT: 9.151 min Scan# 1235

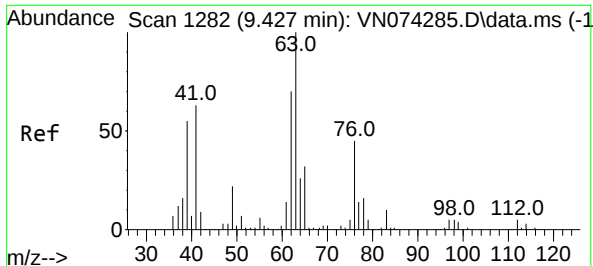
Delta R.T. 0.000 min

Lab File: VN074284.D

Acq: 02 Sep 2022 13:23

Tgt Ion:130	Resp: 65560
Ion Ratio	Lower Upper
130	100
95	95.6 0.0 186.8





#45

1,2-Dichloropropane

Concen: 17.021 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VN074284.D

Acq: 02 Sep 2022 13:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 74100

Ion Ratio Lower Upper

63 100

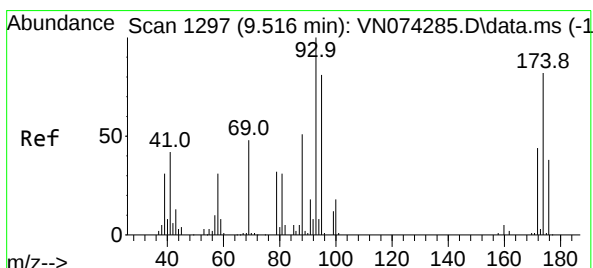
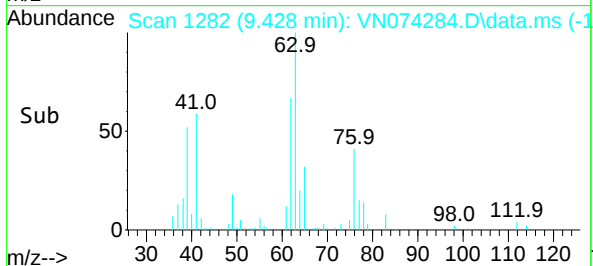
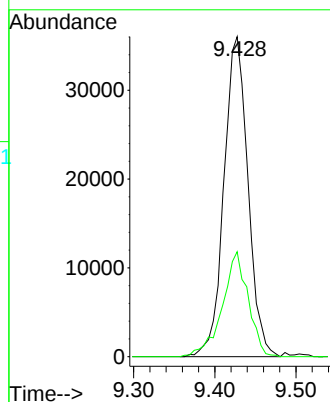
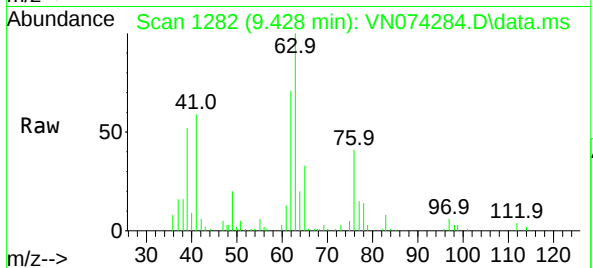
65 32.8 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2022

Supervised By :Mahesh Dadoda 09/06/2022



#46

Dibromomethane

Concen: 18.530 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. -0.006 min

Lab File: VN074284.D

Acq: 02 Sep 2022 13:23

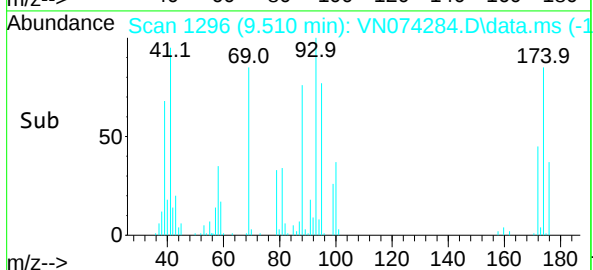
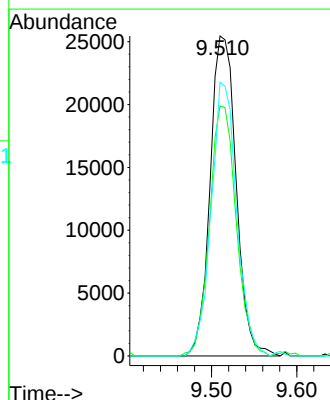
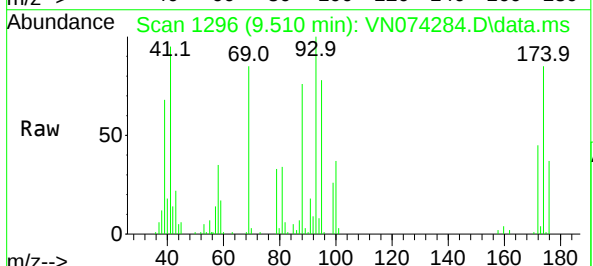
Tgt Ion: 93 Resp: 53875

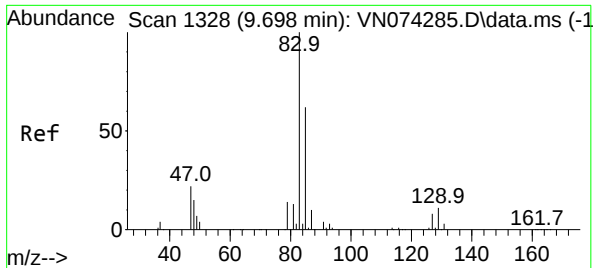
Ion Ratio Lower Upper

93 100

95 80.0 66.9 100.3

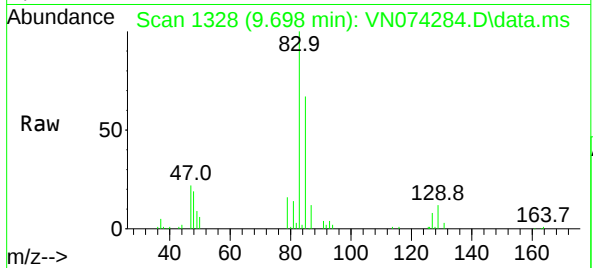
174 84.2 86.6 130.0#





#47
Bromodichloromethane
Concen: 17.971 ug/l
RT: 9.698 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23

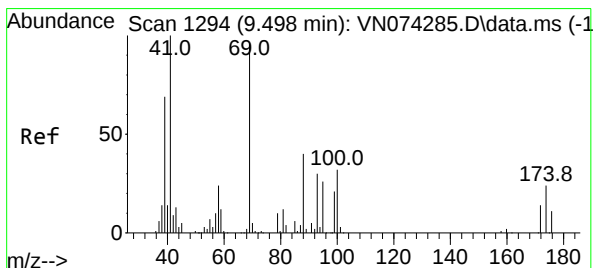
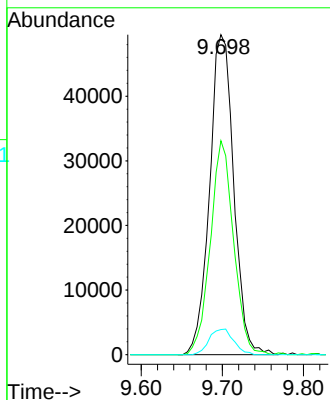
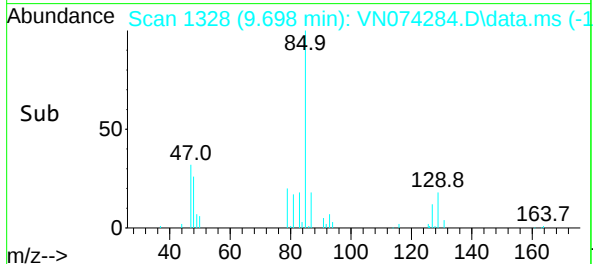
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



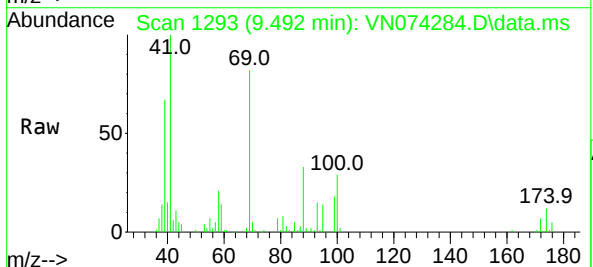
Tgt Ion: 83 Resp: 10239
Ion Ratio Lower Upper
83 100
85 66.8 50.5 75.7
127 7.8 6.8 10.2

Manual Integrations
APPROVED

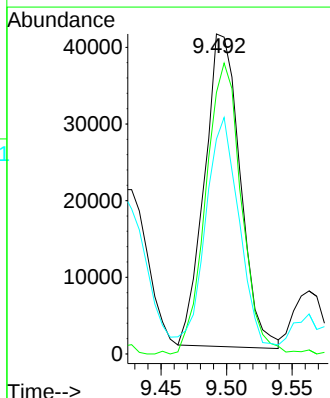
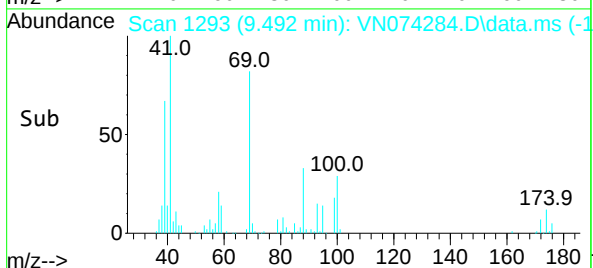
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022

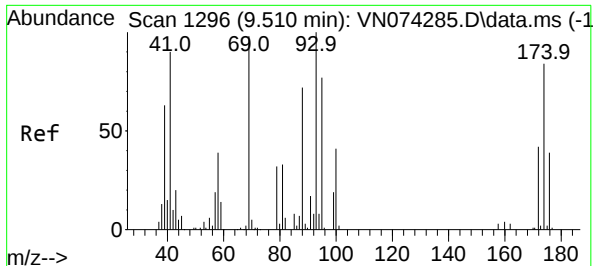


#48
Methyl methacrylate
Concen: 14.095 ug/l
RT: 9.492 min Scan# 1293
Delta R.T. -0.006 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23



Tgt Ion: 41 Resp: 77295
Ion Ratio Lower Upper
41 100
69 93.1 74.7 112.1
39 72.5 45.6 68.4#





#49

1,4-Dioxane

Concen: 343.973 ug/l

RT: 9.504 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VN074284.D

Acq: 02 Sep 2022 13:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 88 Resp: 40690

Ion Ratio Lower Upper

88 100

43 32.9 20.2 30.4

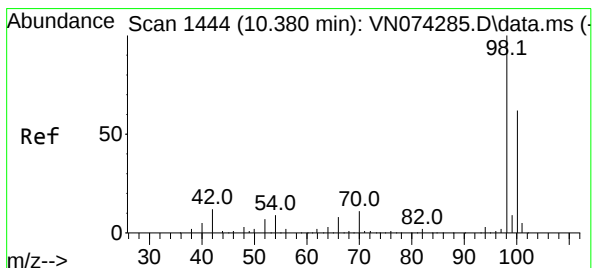
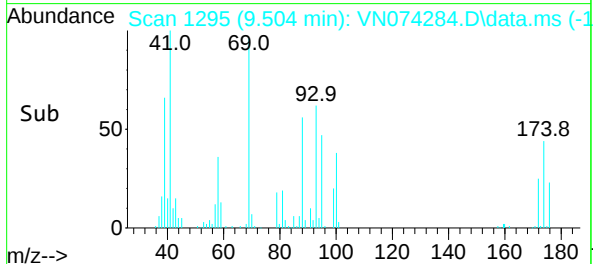
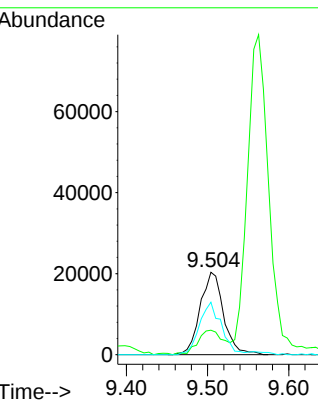
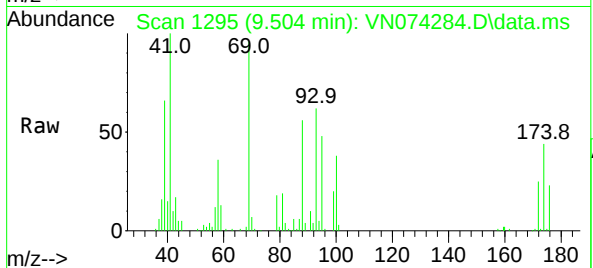
58 59.7 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2022

Supervised By :Mahesh Dadoda 09/06/2022



#50

Toluene-d8

Concen: 21.258 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN074284.D

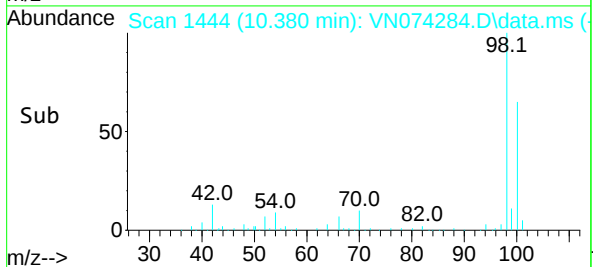
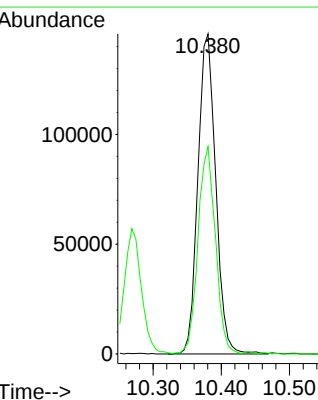
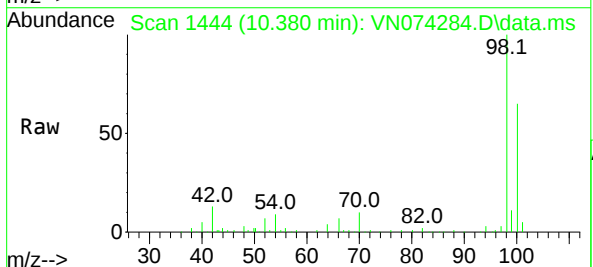
Acq: 02 Sep 2022 13:23

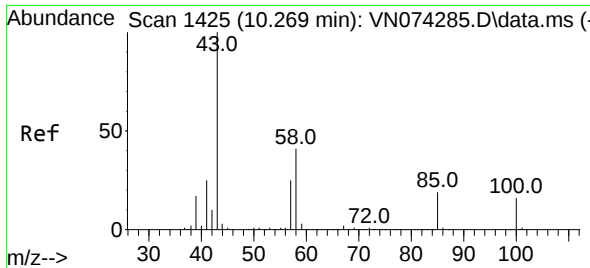
Tgt Ion: 98 Resp: 264952

Ion Ratio Lower Upper

98 100

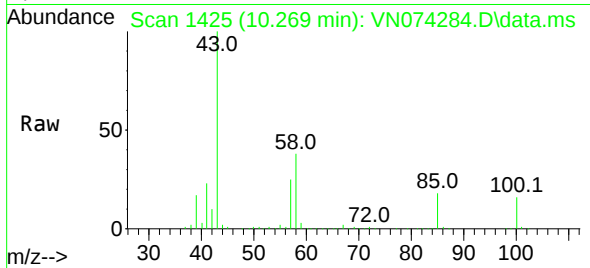
100 63.1 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 75.071 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23

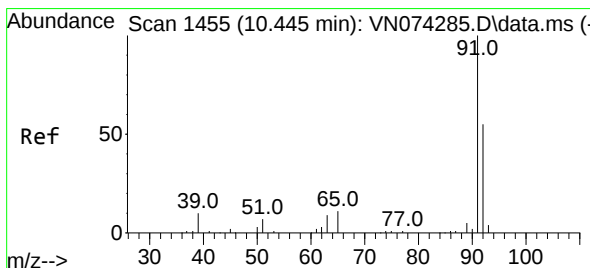
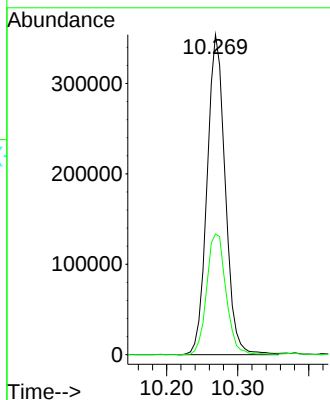
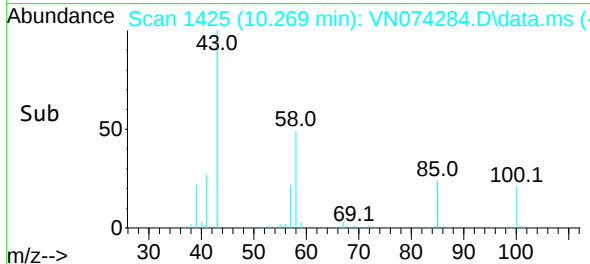
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



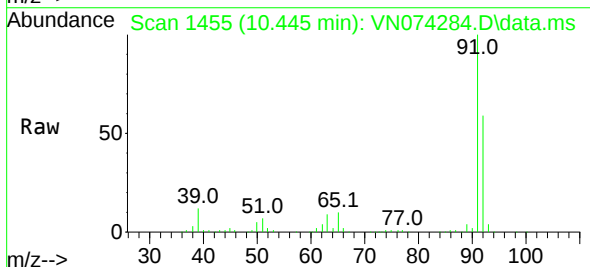
Tgt Ion: 43 Resp: 628992
Ion Ratio Lower Upper
43 100
58 40.2 34.1 51.1

Manual Integrations
APPROVED

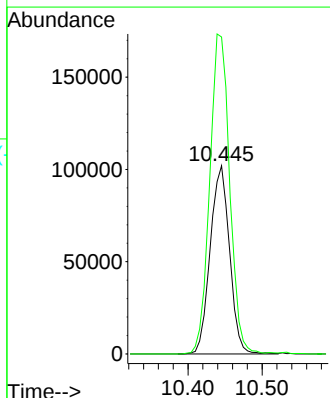
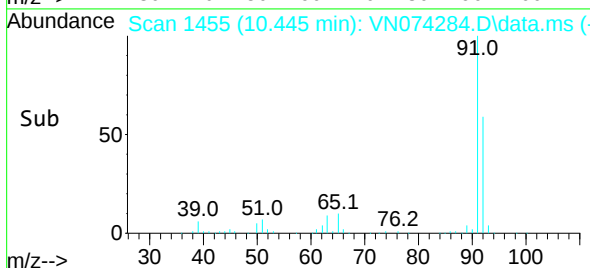
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022

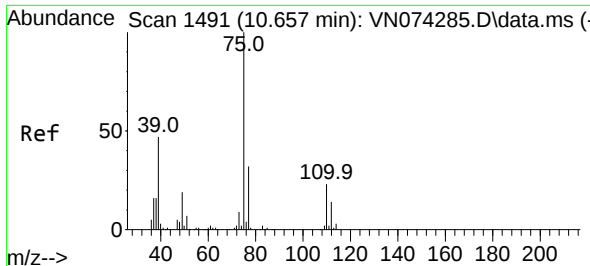


#52
Toluene
Concen: 19.436 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23



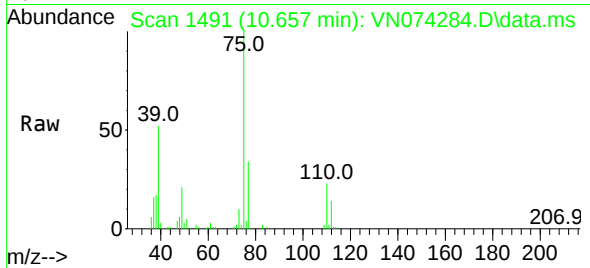
Tgt Ion: 92 Resp: 184709
Ion Ratio Lower Upper
92 100
91 175.5 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 18.728 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. -0.006 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23

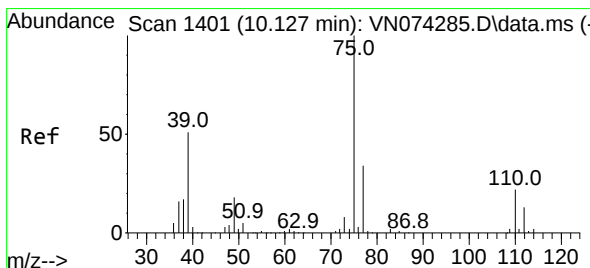
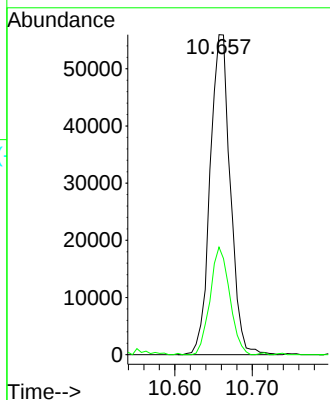
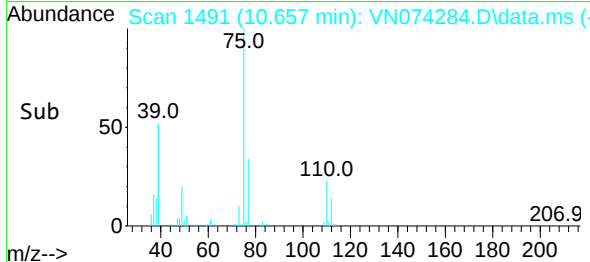
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 75 Resp: 101172
Ion Ratio Lower Upper
75 100
77 33.3 25.6 38.4

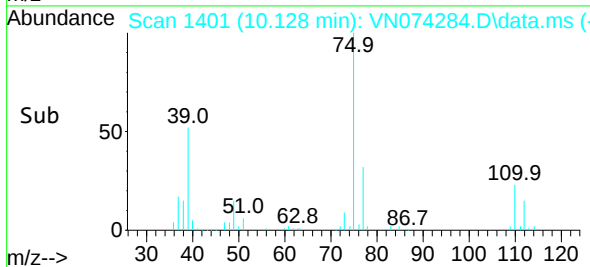
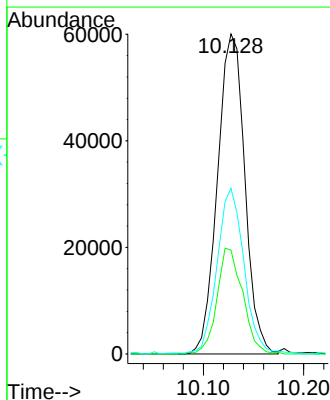
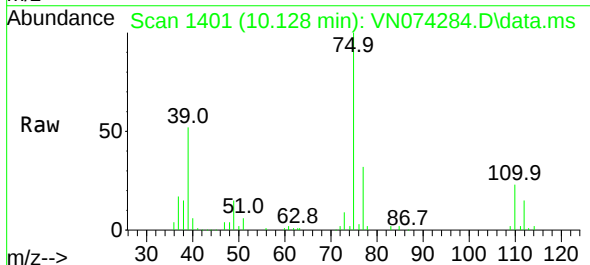
Manual Integrations
APPROVED

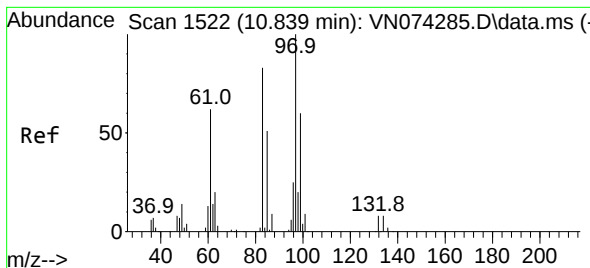
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022



#54
cis-1,3-Dichloropropene
Concen: 18.780 ug/l
RT: 10.128 min Scan# 1401
Delta R.T. 0.000 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23

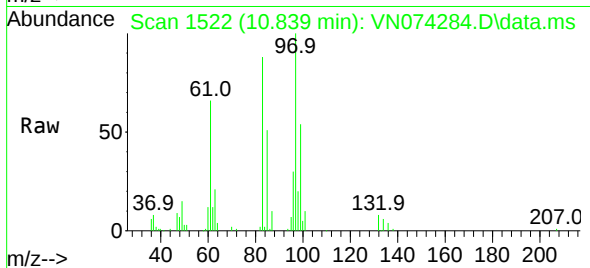
Tgt Ion: 75 Resp: 113584
Ion Ratio Lower Upper
75 100
77 32.5 25.2 37.8
39 51.5 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 18.568 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23

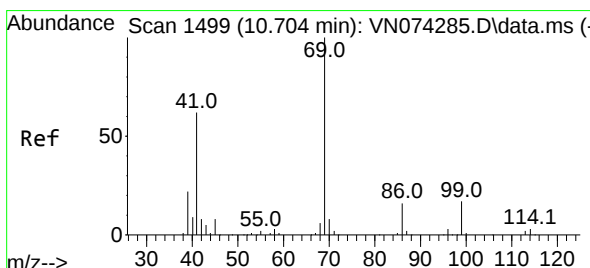
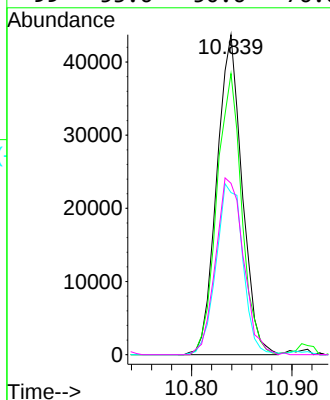
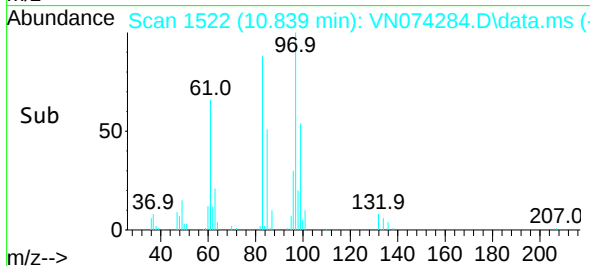
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



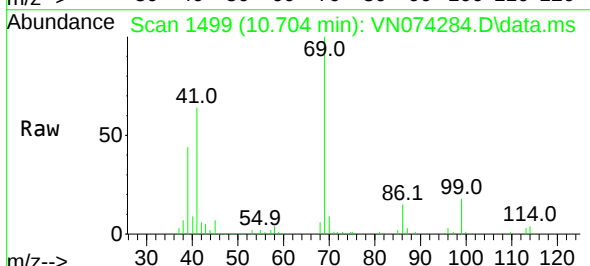
Tgt Ion: 97 Resp: 76332
Ion Ratio Lower Upper
97 100
83 87.9 66.2 99.4
85 50.6 43.9 65.9
99 53.6 50.6 76.0

Manual Integrations
APPROVED

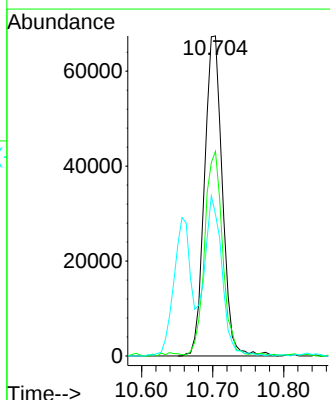
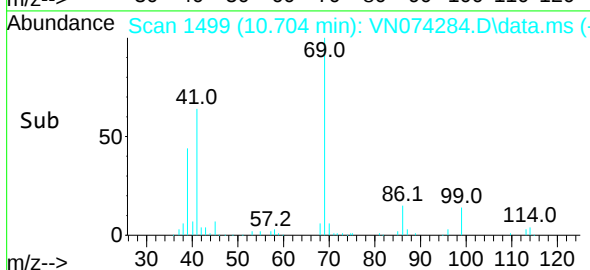
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022

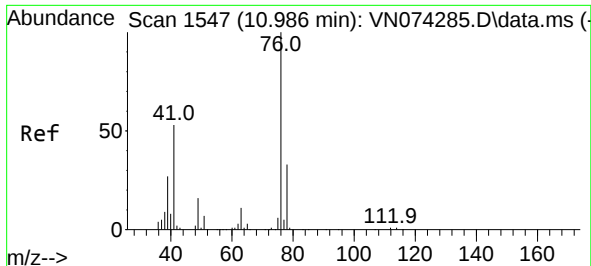


#56
Ethyl methacrylate
Concen: 18.967 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. 0.000 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23



Tgt Ion: 69 Resp: 118182
Ion Ratio Lower Upper
69 100
41 63.0 47.8 71.6
39 49.5 27.3 40.9





#57

1,3-Dichloropropane

Concen: 18.312 ug/l

RT: 10.986 min Scan# 1547

Delta R.T. 0.000 min

Lab File: VN074284.D

Acq: 02 Sep 2022 13:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 130828

Ion Ratio Lower Upper

76 100

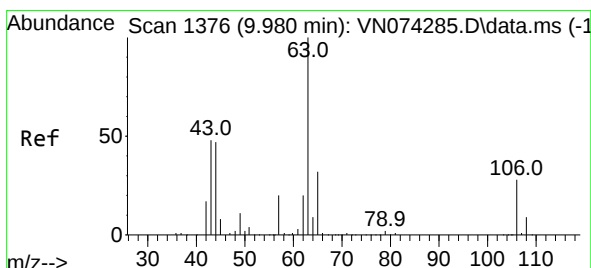
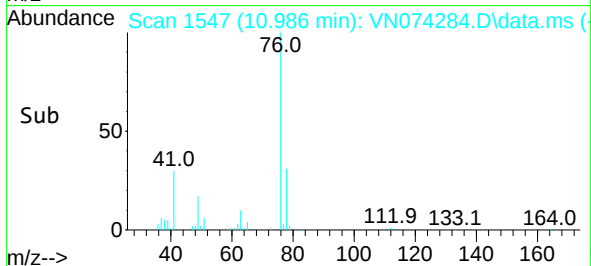
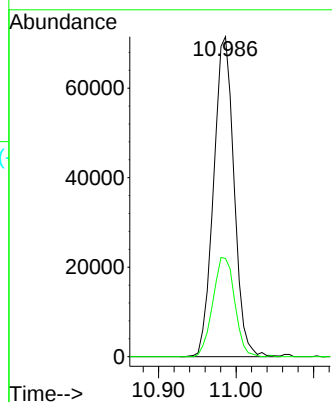
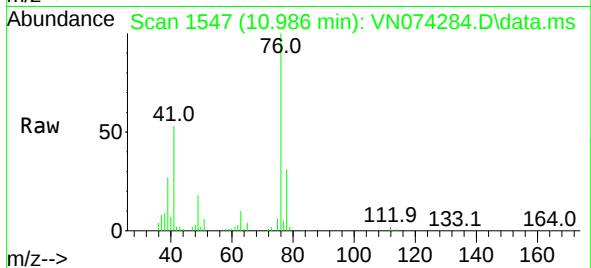
78 33.2 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2022

Supervised By :Mahesh Dadoda 09/06/2022



#58

2-Chloroethyl Vinyl ether

Concen: 89.942 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VN074284.D

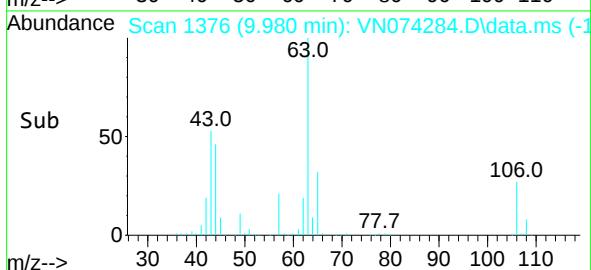
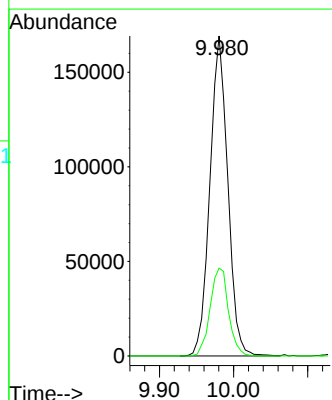
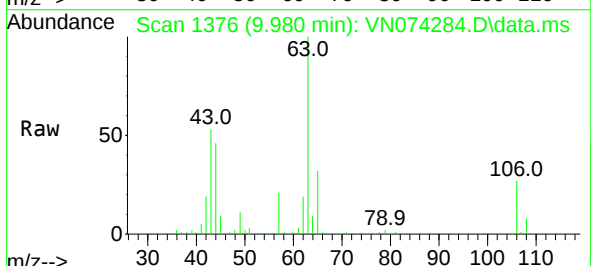
Acq: 02 Sep 2022 13:23

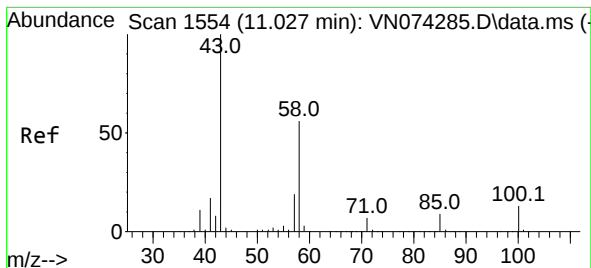
Tgt Ion: 63 Resp: 283501

Ion Ratio Lower Upper

63 100

106 28.2 24.6 36.8





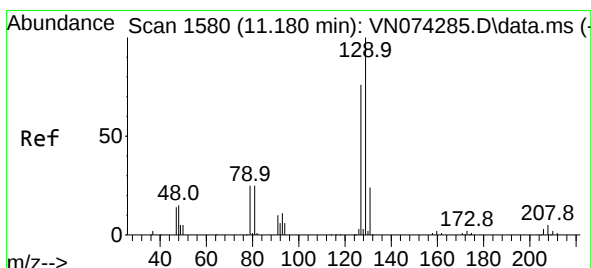
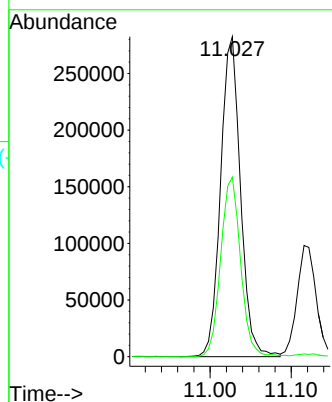
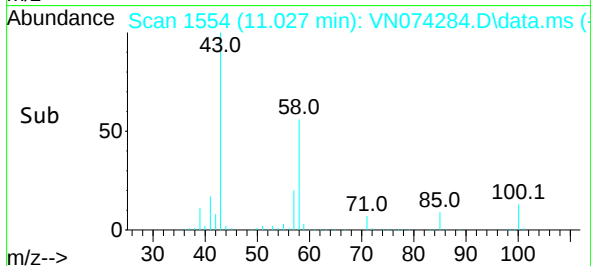
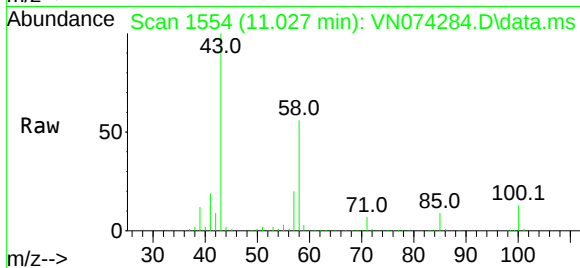
#59
2-Hexanone
Concen: 75.741 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 48159
Ion Ratio Lower Upper
43 100
58 56.2 29.7 89.1

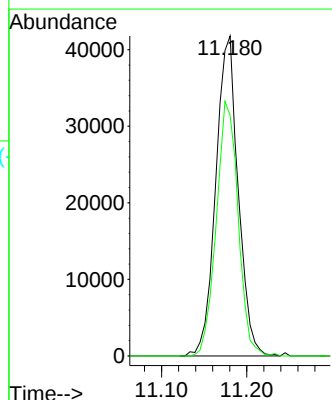
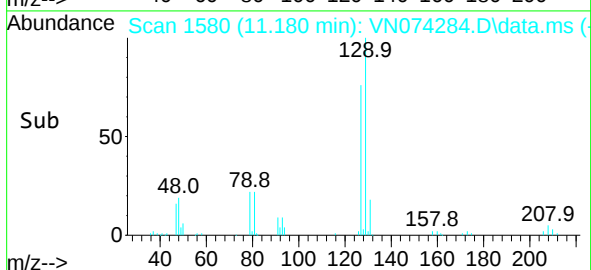
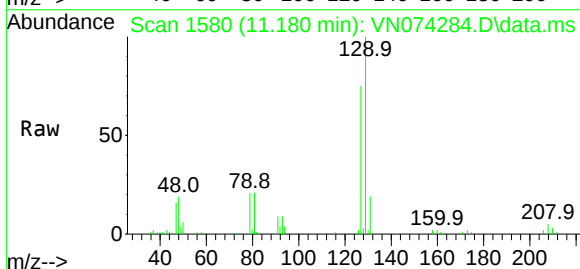
Manual Integrations
APPROVED

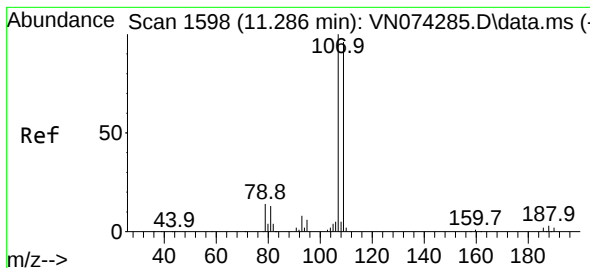
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022



#60
Dibromochloromethane
Concen: 19.816 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23

Tgt Ion:129 Resp: 76299
Ion Ratio Lower Upper
129 100
127 77.4 38.8 116.4





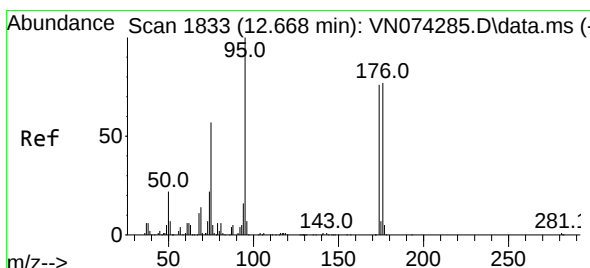
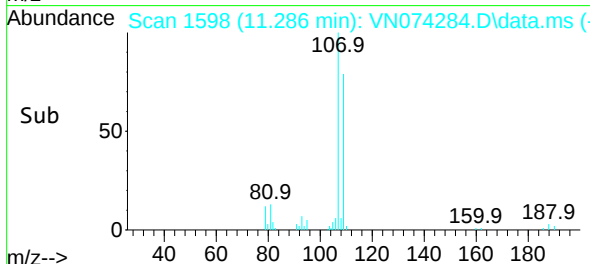
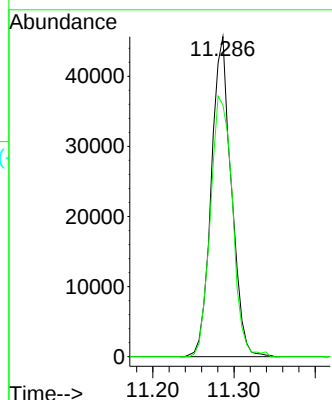
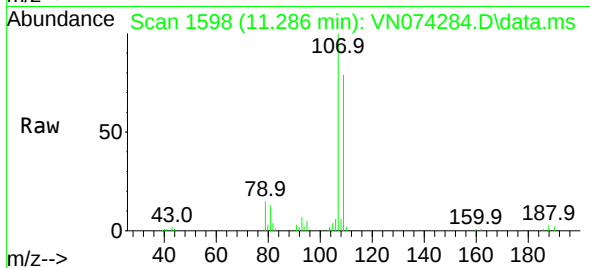
#61
1,2-Dibromoethane
Concen: 19.930 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:107 Resp: 78288
Ion Ratio Lower Upper
107 100
109 89.7 75.0 112.6

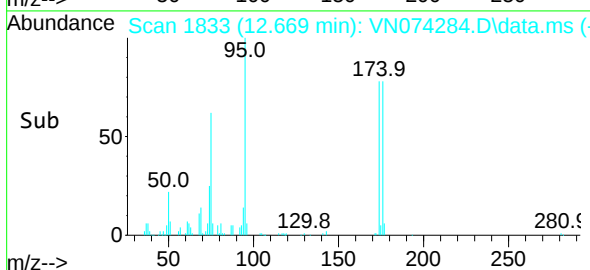
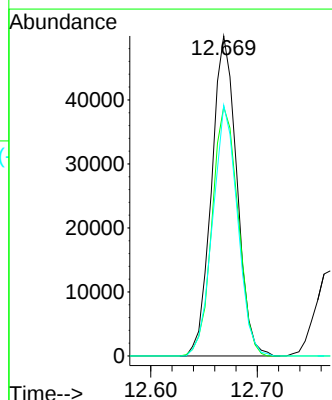
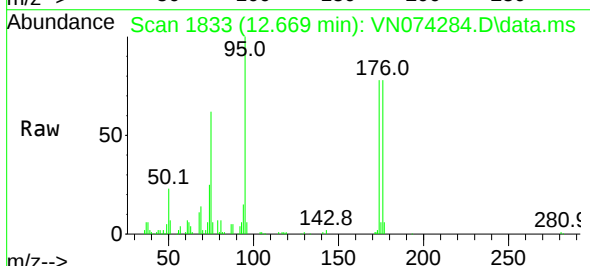
Manual Integrations
APPROVED

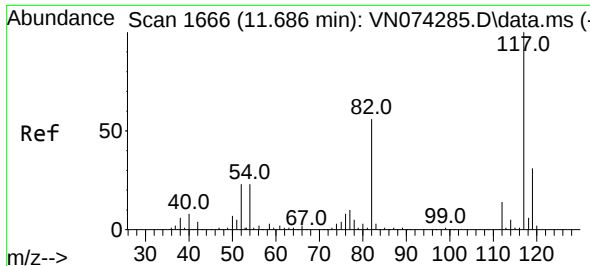
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022



#62
4-Bromofluorobenzene
Concen: 21.685 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23

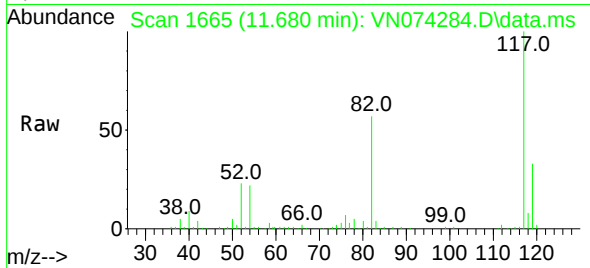
Tgt Ion: 95 Resp: 82192
Ion Ratio Lower Upper
95 100
174 80.0 0.0 167.6
176 76.9 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1166
Delta R.T. -0.006 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23

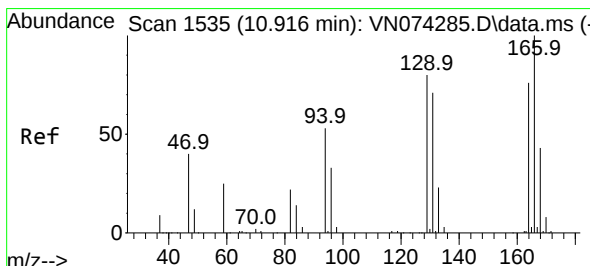
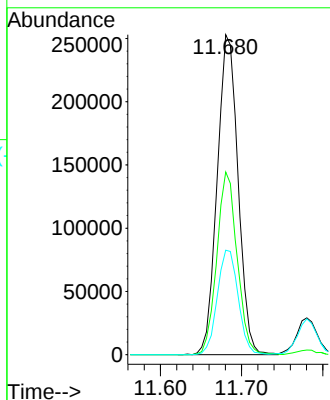
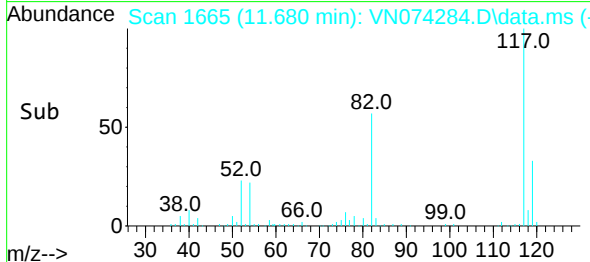
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 45260
Ion Ratio Lower Upper
117 100
82 57.1 44.2 66.2
119 32.7 25.4 38.0

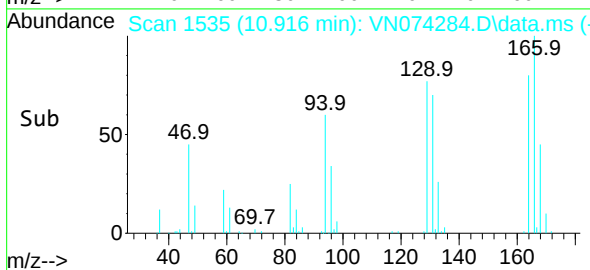
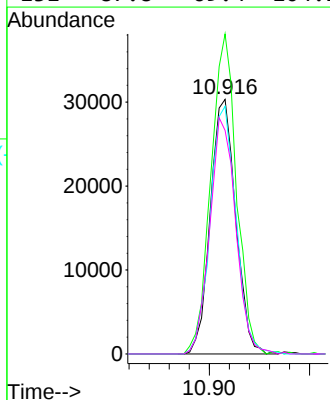
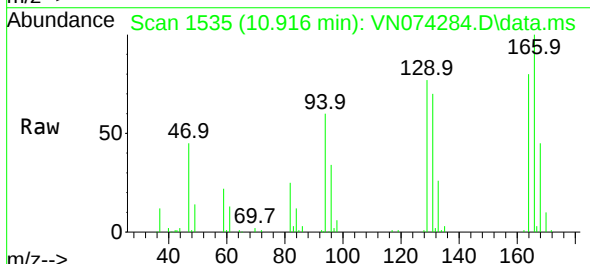
Manual Integrations
APPROVED

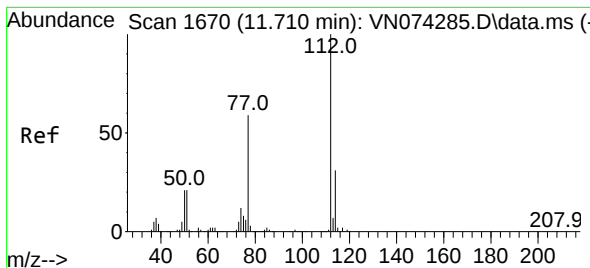
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022



#64
Tetrachloroethene
Concen: 16.241 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23

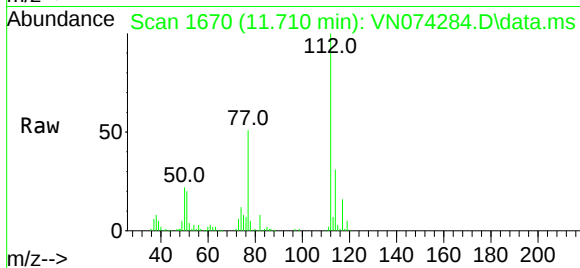
Tgt Ion:164 Resp: 53245
Ion Ratio Lower Upper
164 100
166 125.7 104.2 156.2
129 97.3 73.9 110.9
131 87.8 69.4 104.2





#65
Chlorobenzene
Concen: 19.215 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23

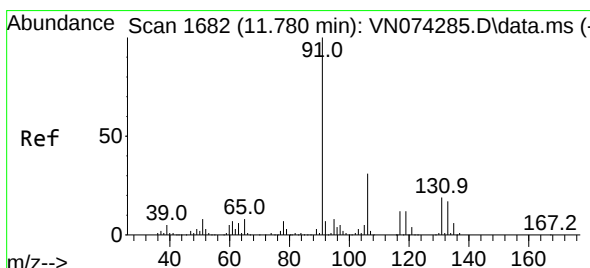
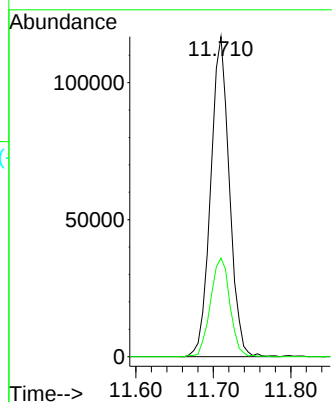
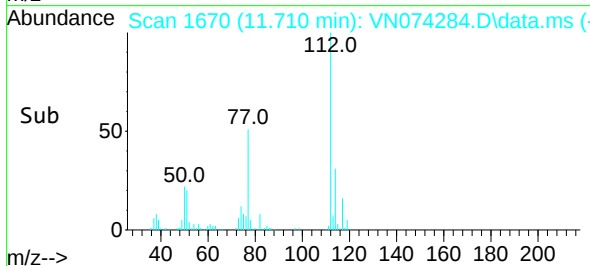
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



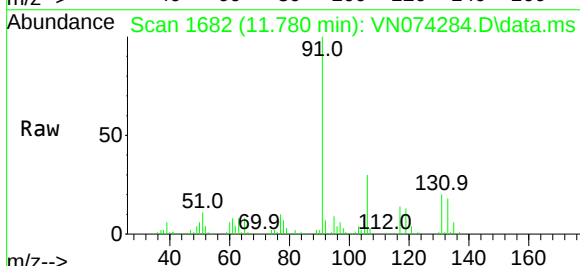
Tgt Ion:112 Resp: 195700
Ion Ratio Lower Upper
112 100
114 30.8 25.4 38.2

Manual Integrations
APPROVED

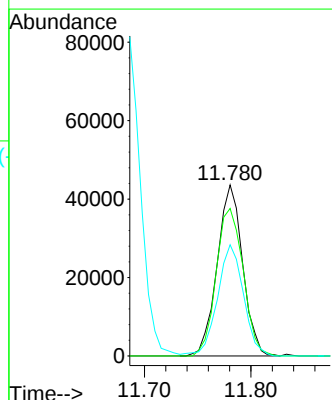
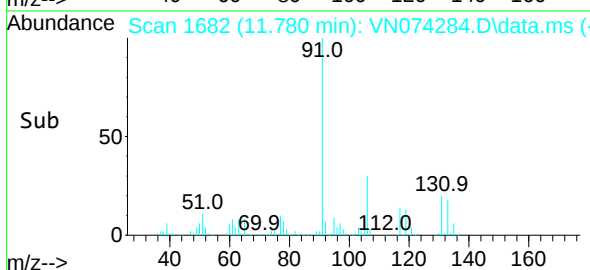
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022

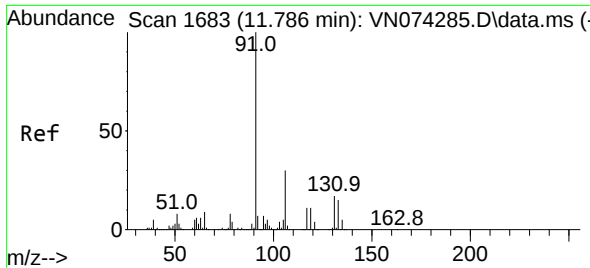


#66
1,1,1,2-Tetrachloroethane
Concen: 19.979 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23



Tgt Ion:131 Resp: 72323
Ion Ratio Lower Upper
131 100
133 91.6 47.8 143.4
119 66.4 33.4 100.2





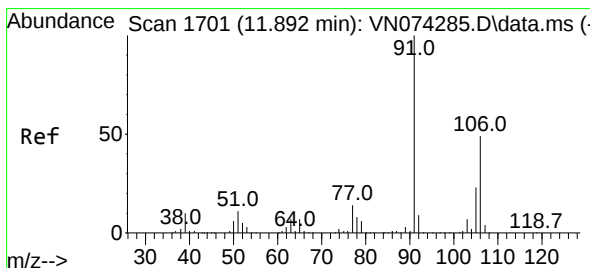
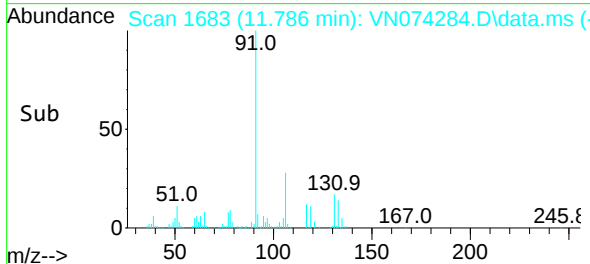
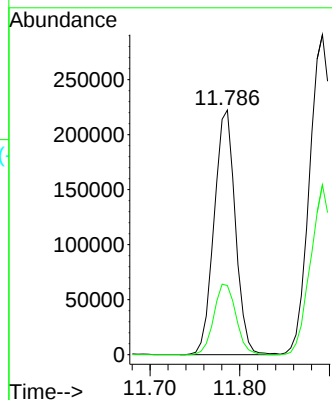
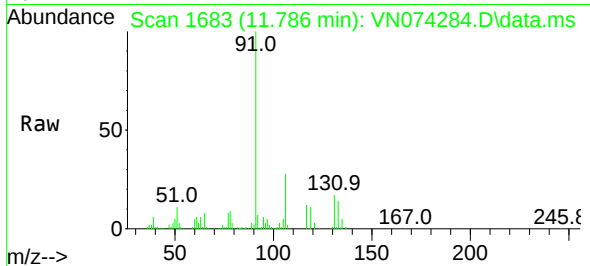
#67
Ethyl Benzene
Concen: 19.994 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 365424
Ion Ratio Lower Upper
91 100
106 28.3 24.9 37.3

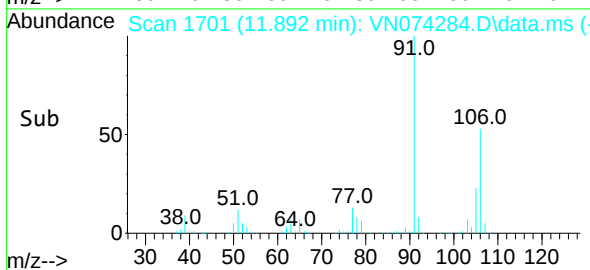
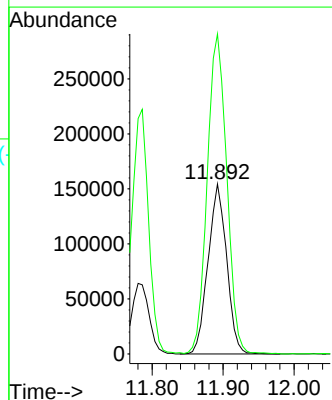
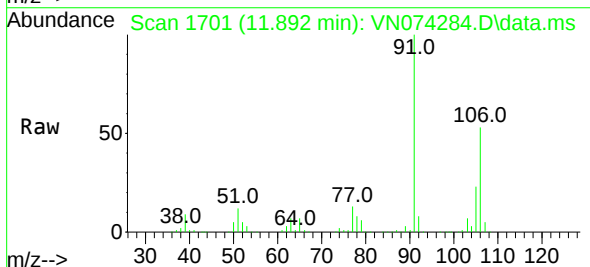
Manual Integrations
APPROVED

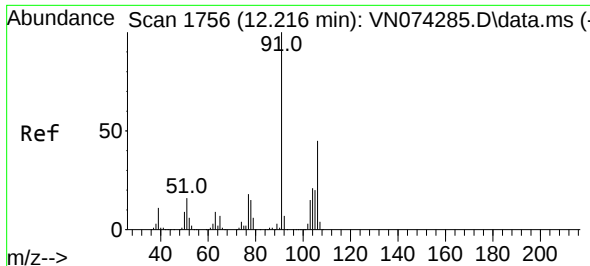
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022



#68
m/p-Xylenes
Concen: 41.401 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23

Tgt Ion:106 Resp: 281101
Ion Ratio Lower Upper
106 100
91 197.7 158.9 238.3





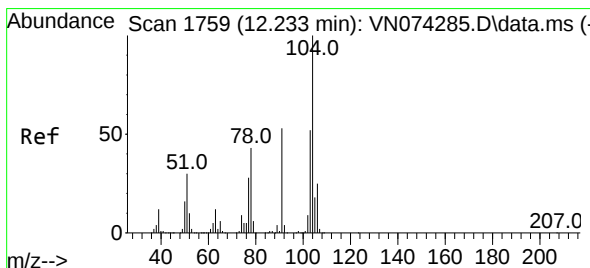
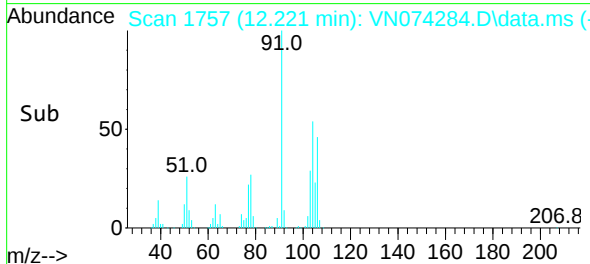
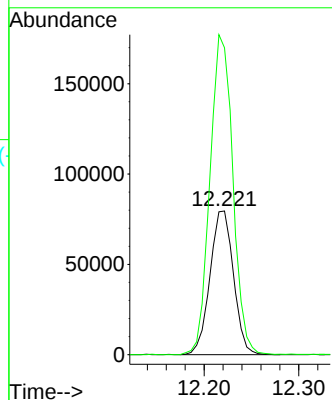
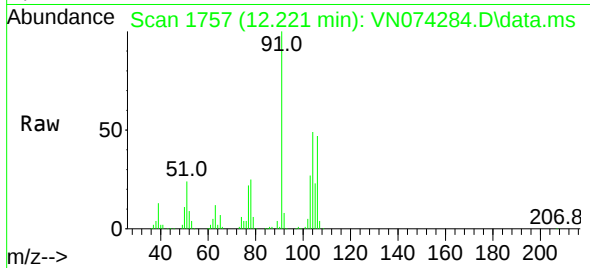
#69
o-Xylene
Concen: 20.288 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 137254
Ion Ratio Lower Upper
106 100
91 216.8 106.0 318.0

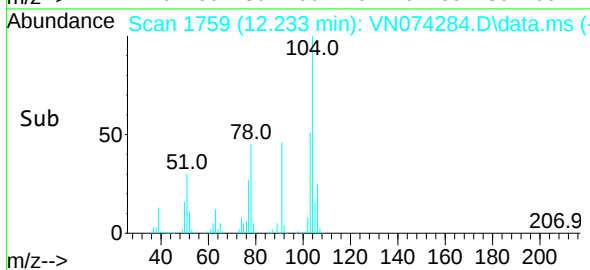
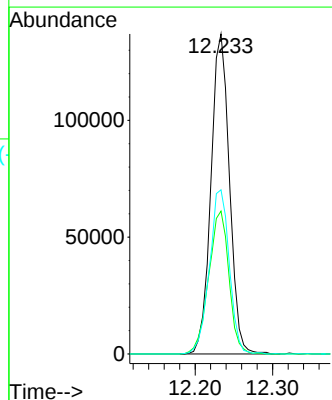
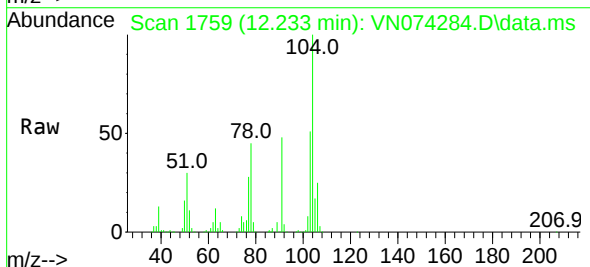
Manual Integrations
APPROVED

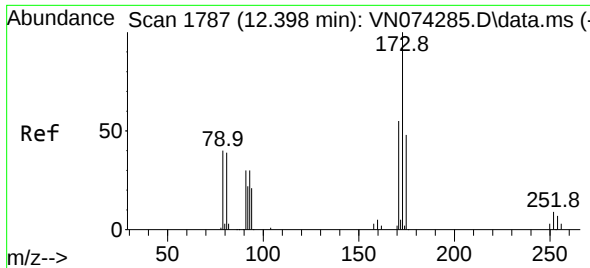
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022



#70
Styrene
Concen: 21.074 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23

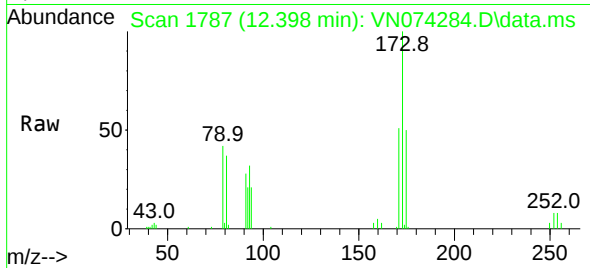
Tgt Ion:104 Resp: 227139
Ion Ratio Lower Upper
104 100
78 48.9 39.5 59.3
103 55.2 44.0 66.0





#71
Bromoform
Concen: 17.560 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. 0.000 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23

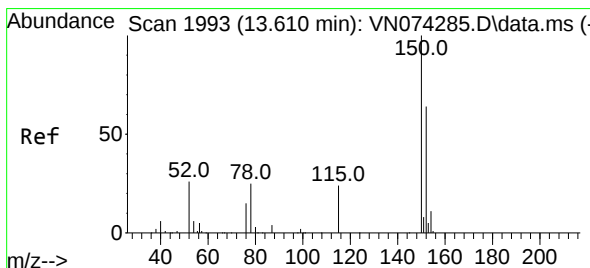
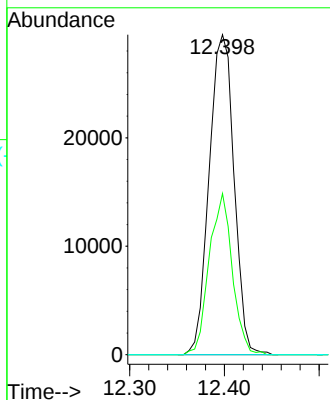
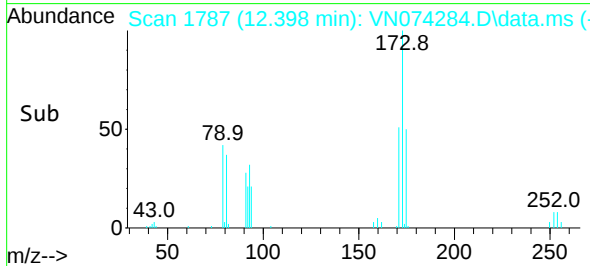
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



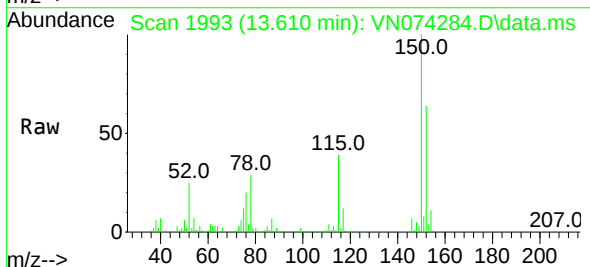
Tgt Ion:173 Resp: 5384
Ion Ratio Lower Upper
173 100
175 46.9 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

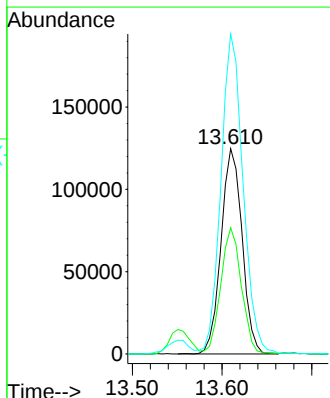
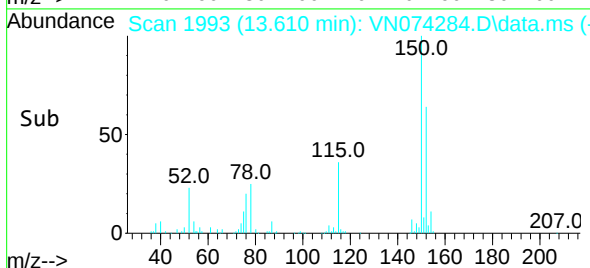
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022

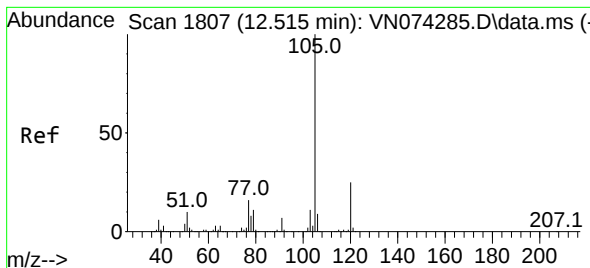


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23



Tgt Ion:152 Resp: 203673
Ion Ratio Lower Upper
152 100
115 60.6 28.9 86.7
150 163.6 0.0 356.2





#73

Isopropylbenzene

Concen: 20.534 ug/l

RT: 12.516 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN074284.D

Acq: 02 Sep 2022 13:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 358160

Ion Ratio Lower Upper

105 100

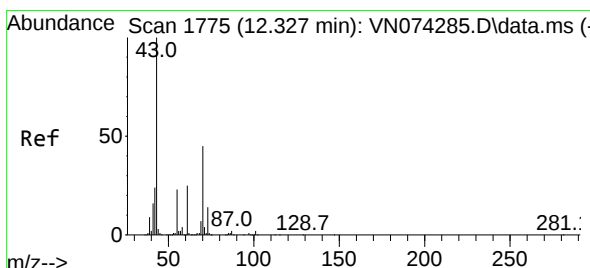
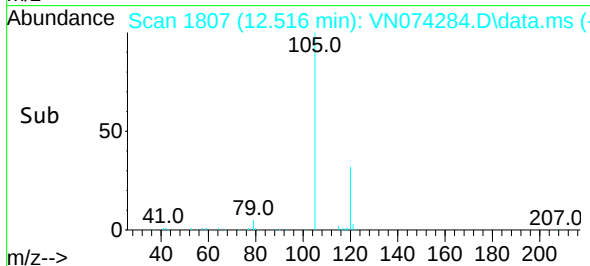
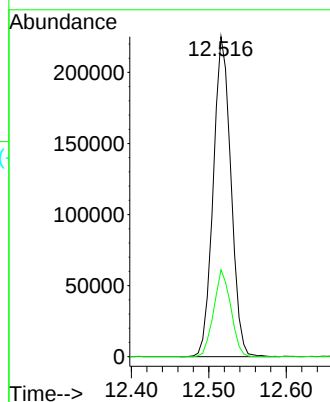
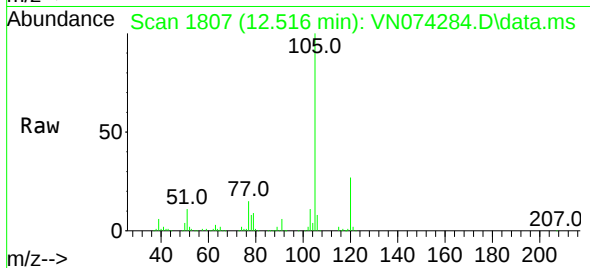
120 26.2 13.5 40.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2022

Supervised By :Mahesh Dadoda 09/06/2022



#74

N-ethyl acetate

Concen: 15.239 ug/l

RT: 12.327 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN074284.D

Acq: 02 Sep 2022 13:23

Tgt Ion: 43 Resp: 150391

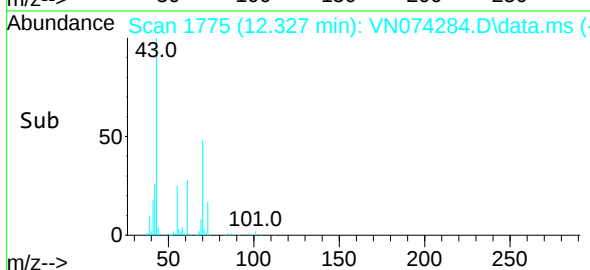
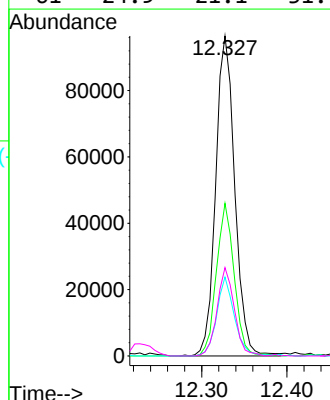
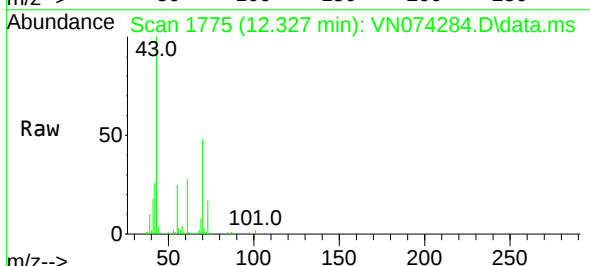
Ion Ratio Lower Upper

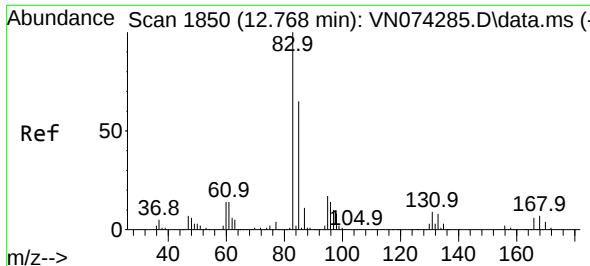
43 100

70 44.4 39.0 58.4

55 22.8 21.1 31.7

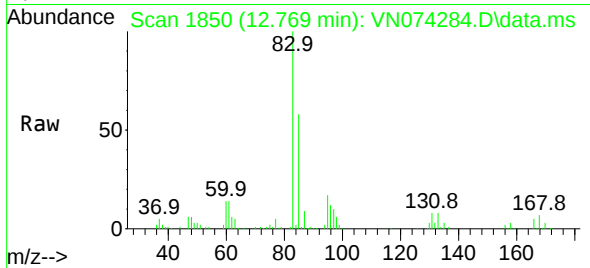
61 24.9 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 17.990 ug/l
RT: 12.769 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23

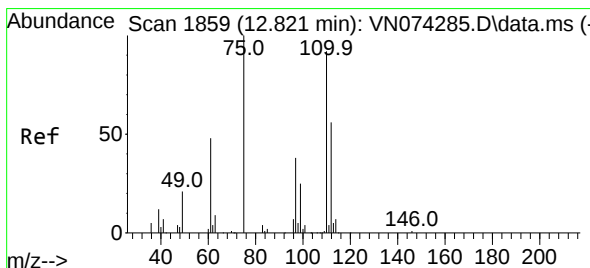
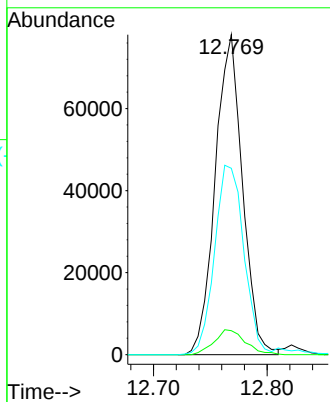
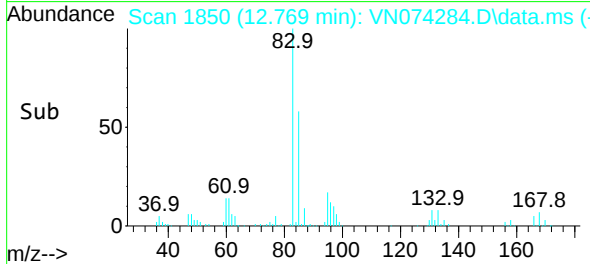
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



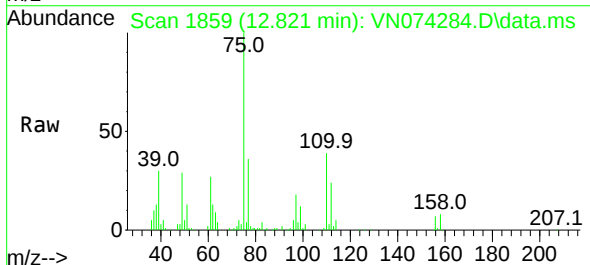
Tgt Ion: 83 Resp: 13013
Ion Ratio Lower Upper
83 100
131 8.9 5.3 15.9
85 63.5 32.3 96.9

Manual Integrations
APPROVED

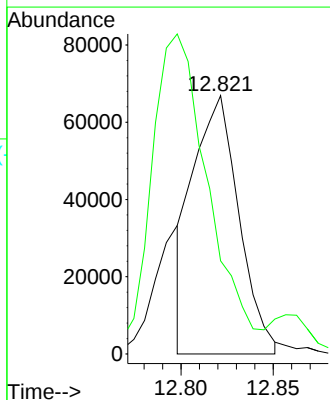
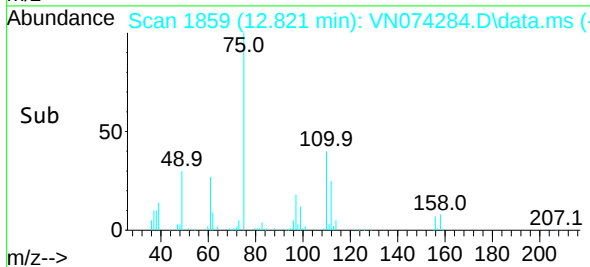
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022

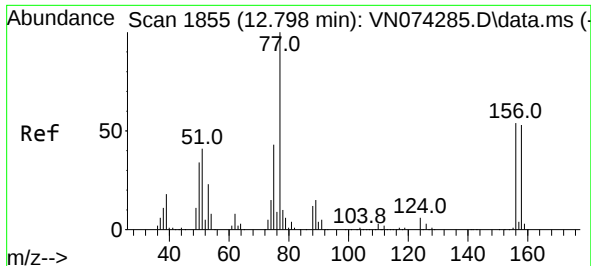


#76
1,2,3-Trichloropropane
Concen: 20.047 ug/l m
RT: 12.821 min Scan# 1859
Delta R.T. 0.000 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23



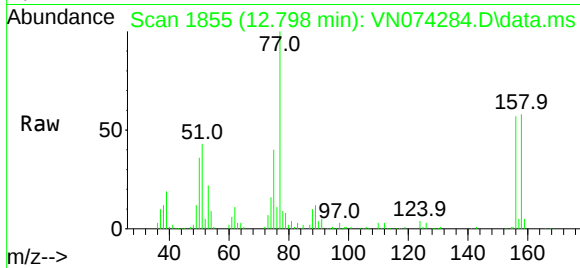
Tgt Ion: 75 Resp: 116014
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 18.283 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23

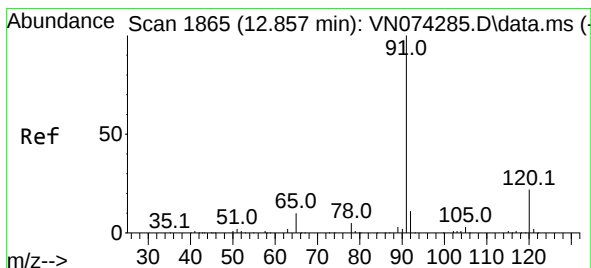
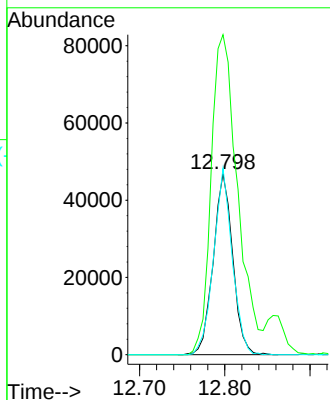
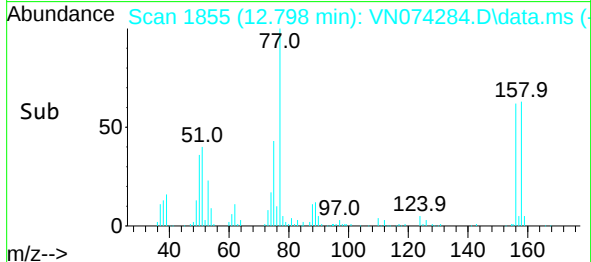
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



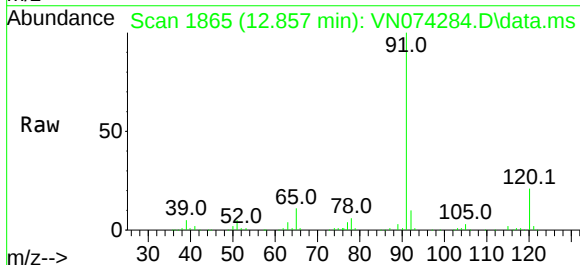
Tgt Ion:156 Resp: 74597
Ion Ratio Lower Upper
156 100
77 239.3 100.5 301.5
158 98.8 48.9 146.6

Manual Integrations
APPROVED

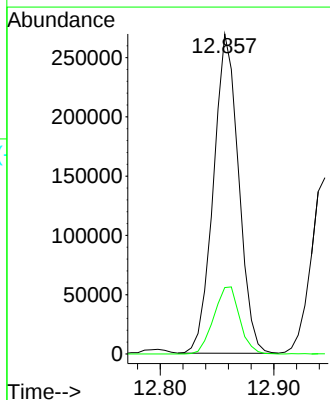
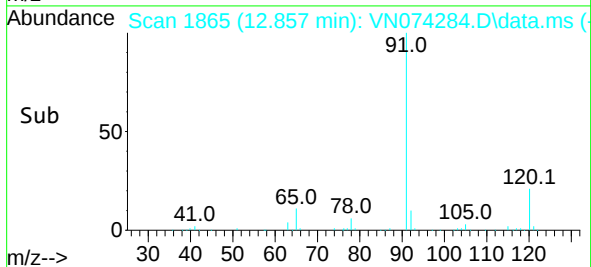
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022

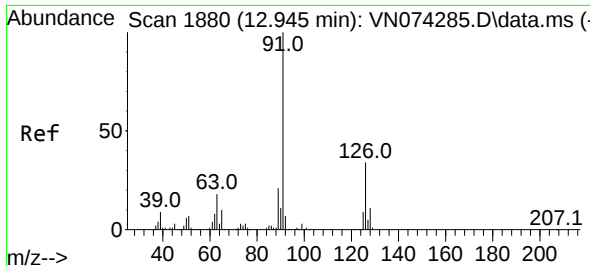


#78
n-propylbenzene
Concen: 20.876 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23



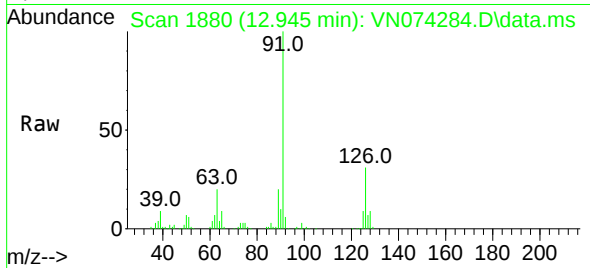
Tgt Ion: 91 Resp: 415073
Ion Ratio Lower Upper
91 100
120 21.5 11.9 35.5





#79
2-Chlorotoluene
Concen: 19.876 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23

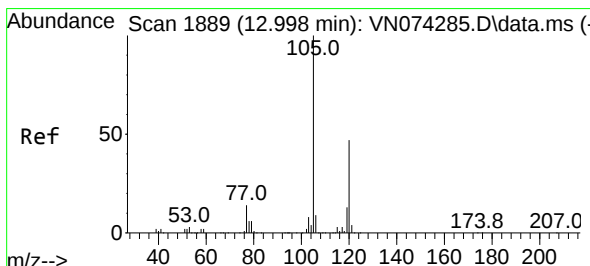
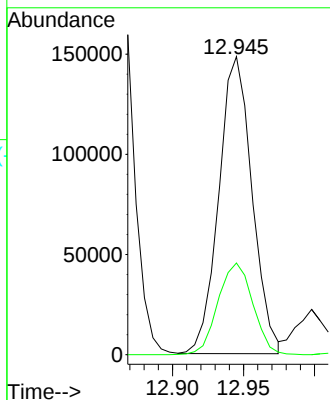
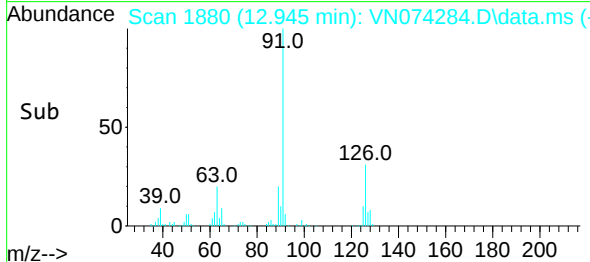
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



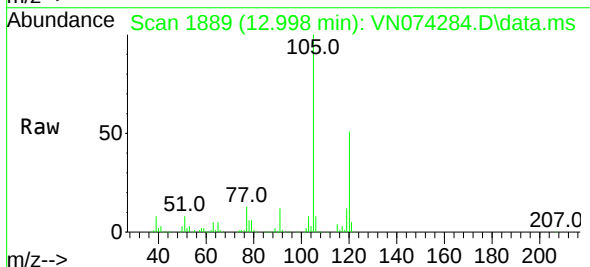
Tgt Ion: 91 Resp: 242054
Ion Ratio Lower Upper
91 100
126 32.2 17.3 51.9

Manual Integrations
APPROVED

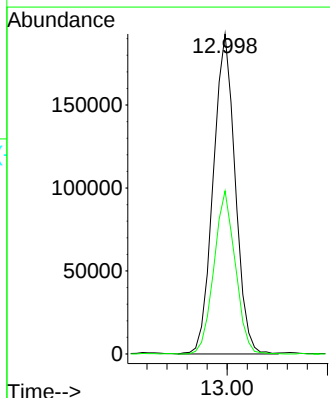
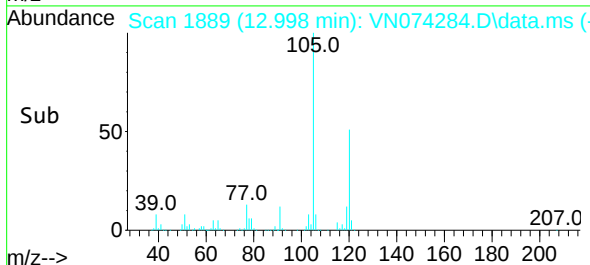
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022

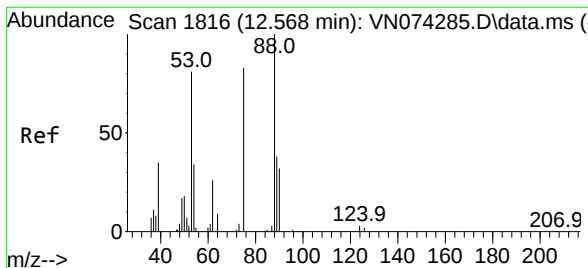


#80
1,3,5-Trimethylbenzene
Concen: 20.618 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23



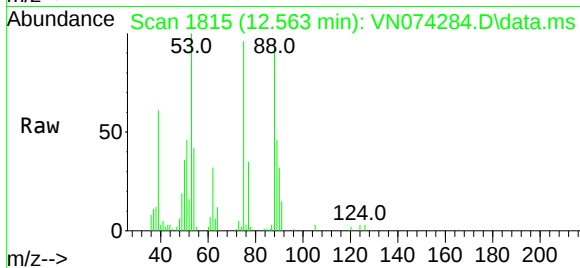
Tgt Ion:105 Resp: 292483
Ion Ratio Lower Upper
105 100
120 49.5 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 17.934 ug/l
RT: 12.563 min Scan# 1815
Delta R.T. 0.000 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23

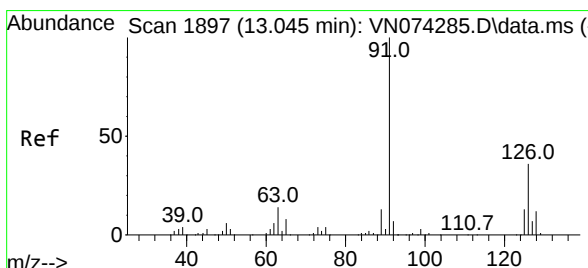
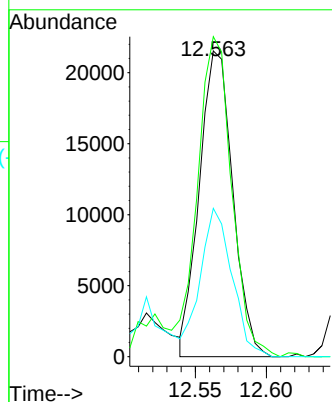
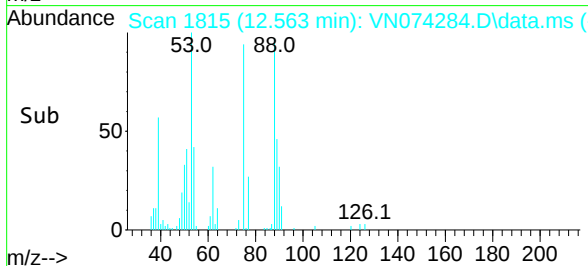
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



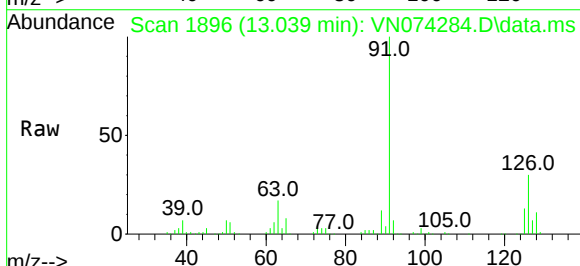
Tgt Ion: 75 Resp: 3519
Ion Ratio Lower Upper
75 100
53 107.4 78.0 117.0
89 46.3 37.2 55.8

Manual Integrations
APPROVED

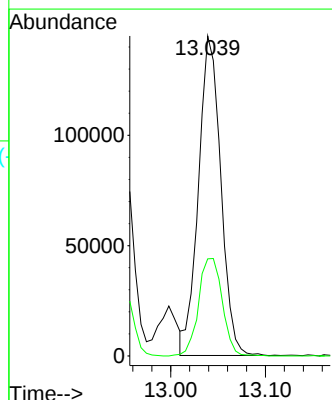
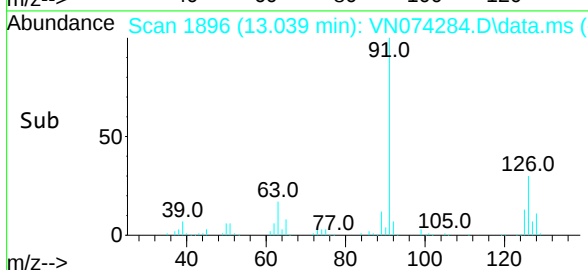
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022

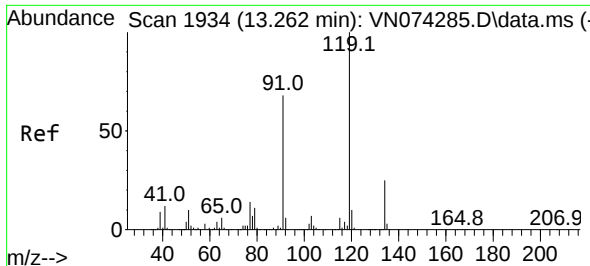


#82
4-Chlorotoluene
Concen: 20.080 ug/l
RT: 13.039 min Scan# 1896
Delta R.T. -0.006 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23



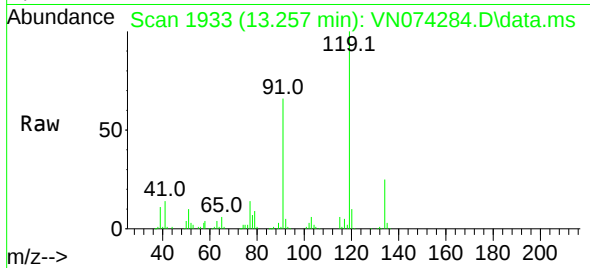
Tgt Ion: 91 Resp: 236623
Ion Ratio Lower Upper
91 100
126 32.6 17.2 51.6





#83
tert-Butylbenzene
Concen: 21.286 ug/l
RT: 13.257 min Scan# 1933
Delta R.T. -0.006 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23

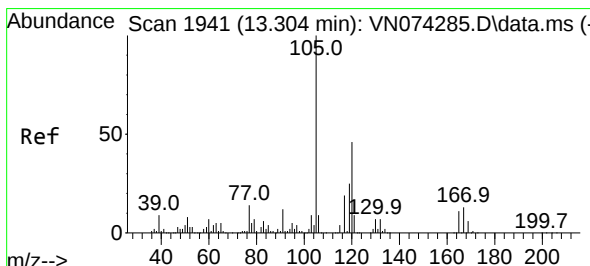
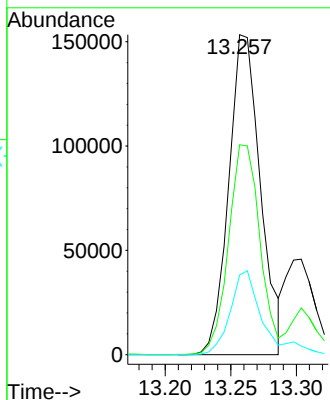
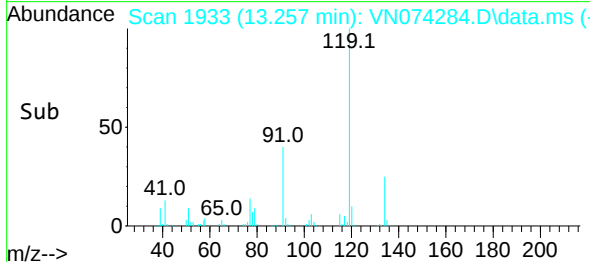
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion:119 Resp: 258295
Ion Ratio Lower Upper
119 100
91 64.9 31.6 94.8
134 26.9 13.7 41.1

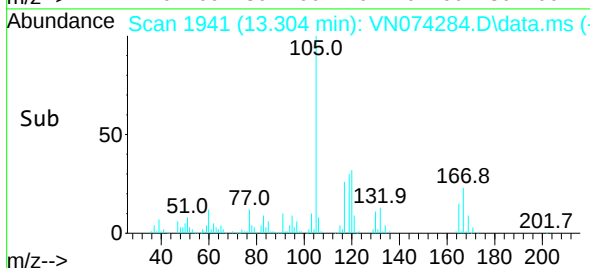
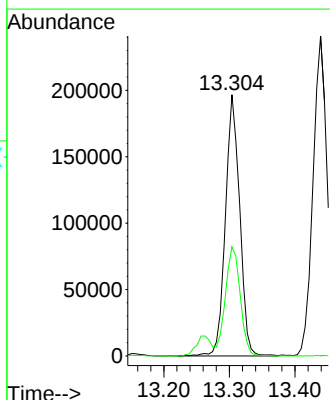
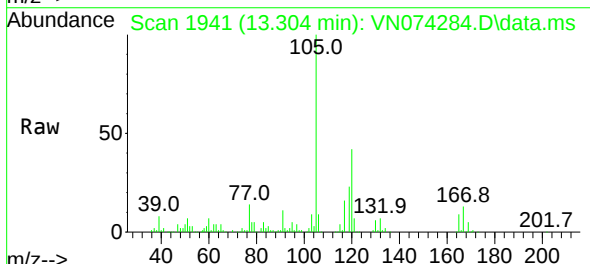
Manual Integrations
APPROVED

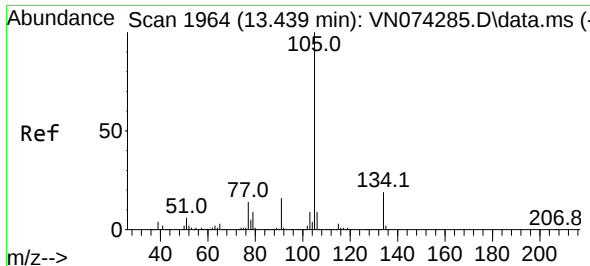
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022



#84
1,2,4-Trimethylbenzene
Concen: 21.761 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. -0.006 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23

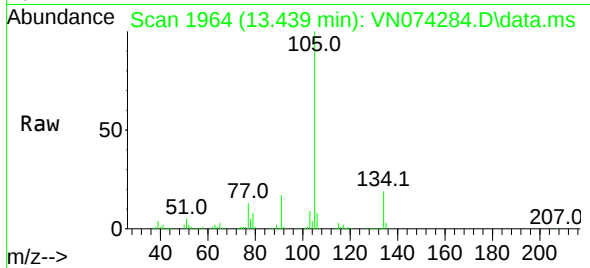
Tgt Ion:105 Resp: 297928
Ion Ratio Lower Upper
105 100
120 43.0 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 21.484 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN074284.D
 Acq: 02 Sep 2022 13:23

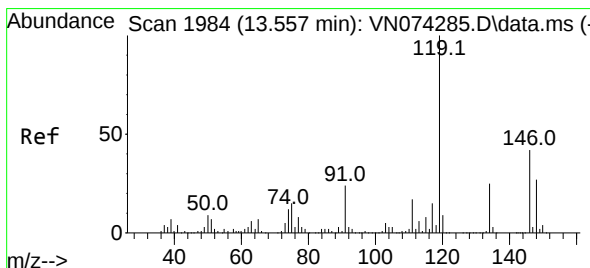
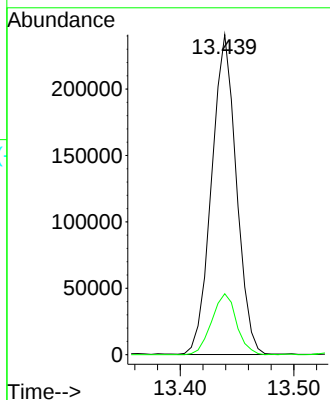
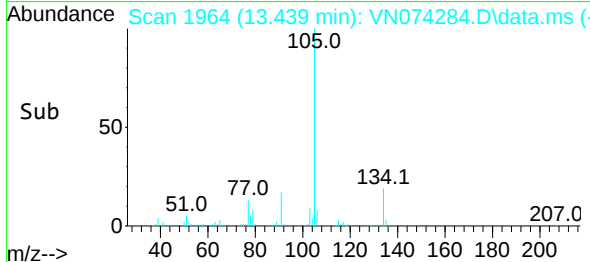
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



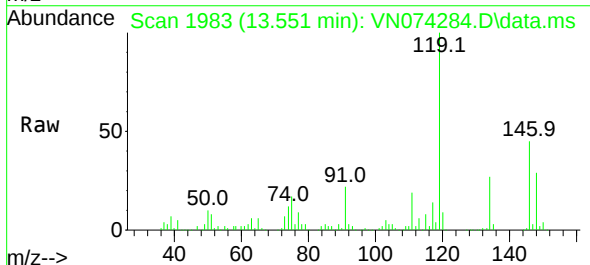
Tgt Ion:105 Resp: 36569
 Ion Ratio Lower Upper
 105 100
 134 19.1 10.4 31.1

Manual Integrations
 APPROVED

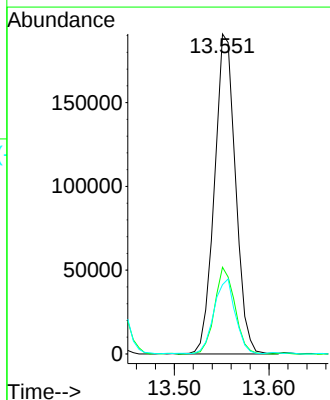
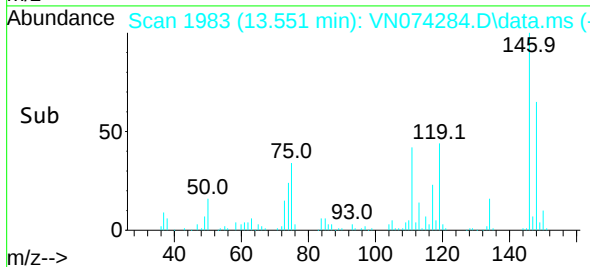
Reviewed By :John Carlone 09/03/2022
 Supervised By :Mahesh Dadoda 09/06/2022

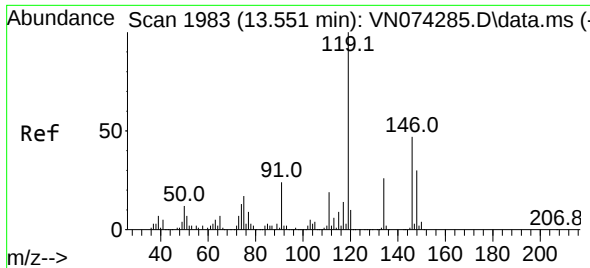


#86
 p-Isopropyltoluene
 Concen: 22.246 ug/l
 RT: 13.551 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN074284.D
 Acq: 02 Sep 2022 13:23



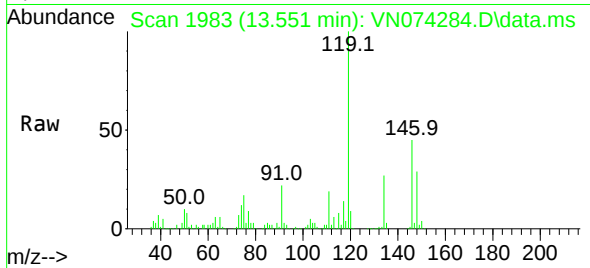
Tgt Ion:119 Resp: 294646
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.3 39.8
 91 23.6 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 18.944 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23

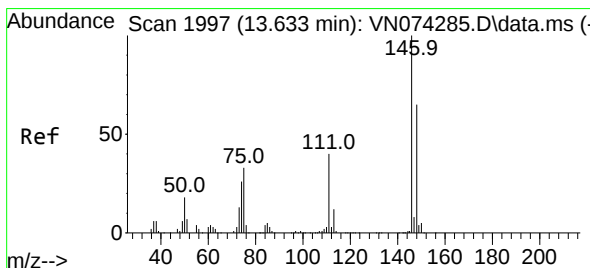
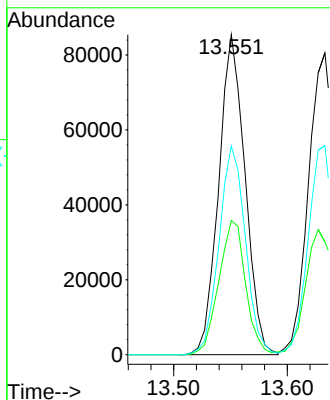
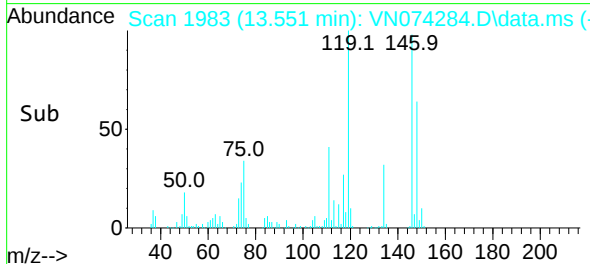
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



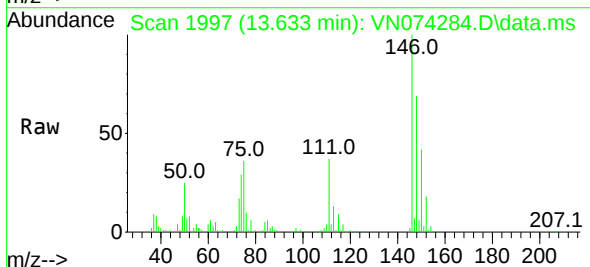
Tgt Ion:146 Resp: 137780
Ion Ratio Lower Upper
146 100
111 42.6 20.0 60.0
148 65.5 32.0 96.0

Manual Integrations
APPROVED

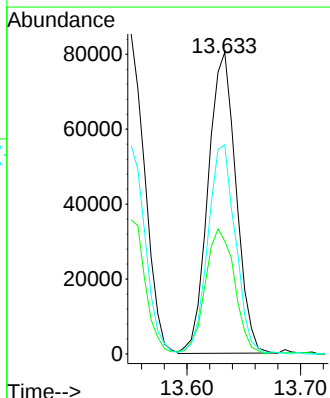
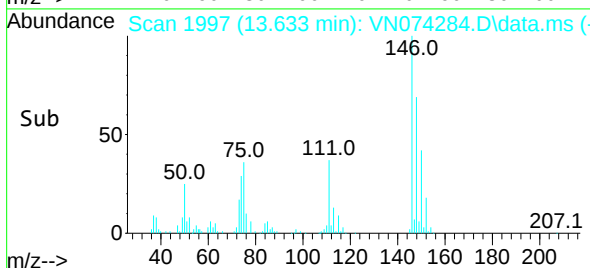
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022

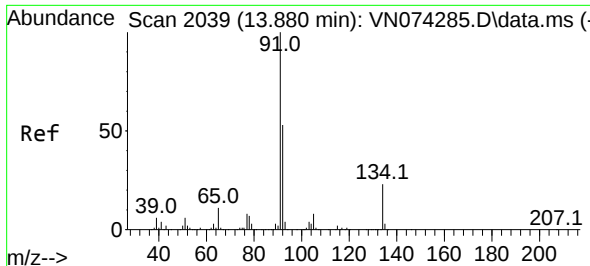


#88
1,4-Dichlorobenzene
Concen: 18.227 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23



Tgt Ion:146 Resp: 137146
Ion Ratio Lower Upper
146 100
111 43.8 19.1 57.1
148 68.8 31.4 94.3





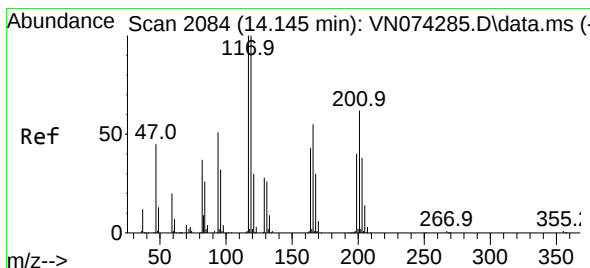
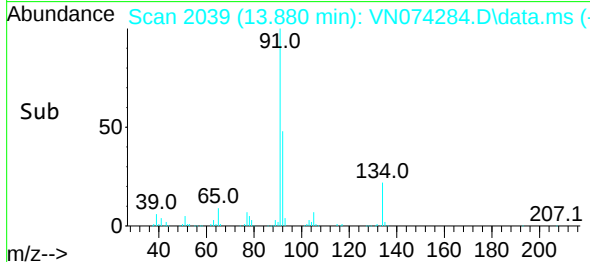
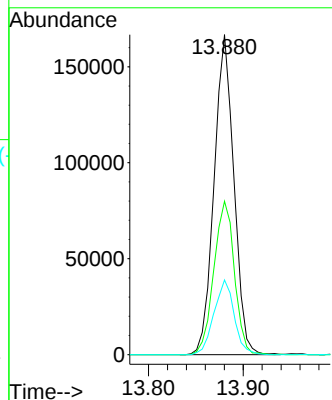
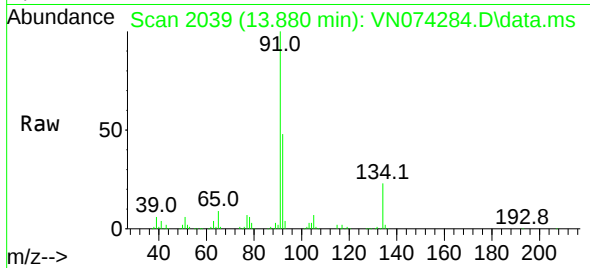
#89
n-Butylbenzene
Concen: 20.989 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 242115
Ion Ratio Lower Upper
91 100
92 49.8 26.9 80.7
134 23.8 13.6 40.8

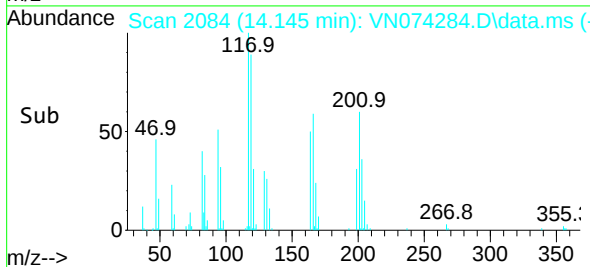
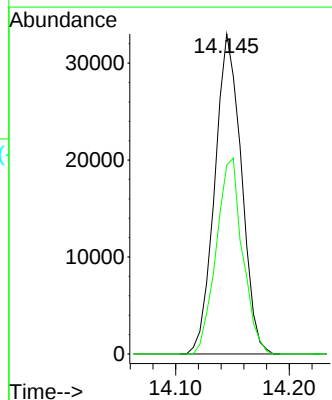
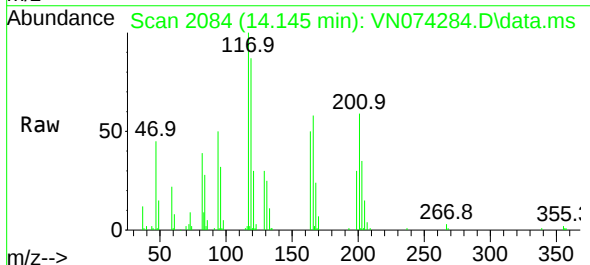
Manual Integrations
APPROVED

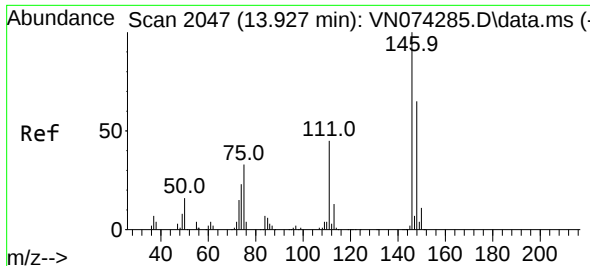
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022



#90
Hexachloroethane
Concen: 19.642 ug/l
RT: 14.145 min Scan# 2084
Delta R.T. -0.006 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23

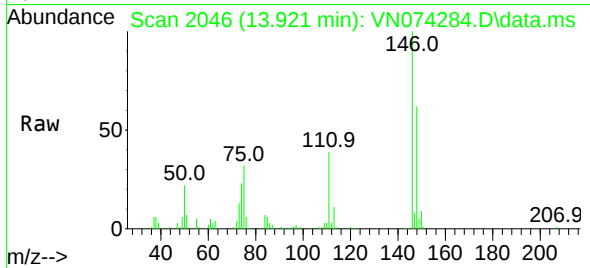
Tgt Ion:117 Resp: 53634
Ion Ratio Lower Upper
117 100
201 60.6 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 19.119 ug/l
RT: 13.921 min Scan# 2046
Delta R.T. -0.006 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23

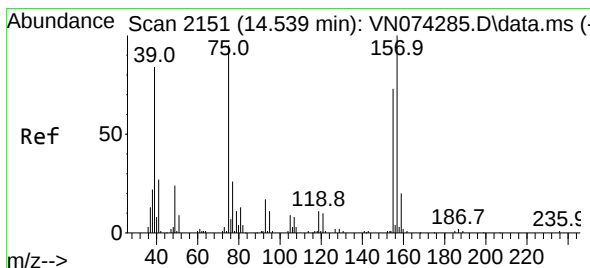
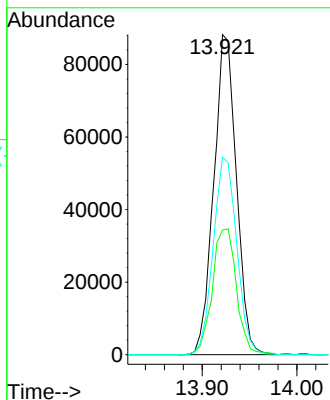
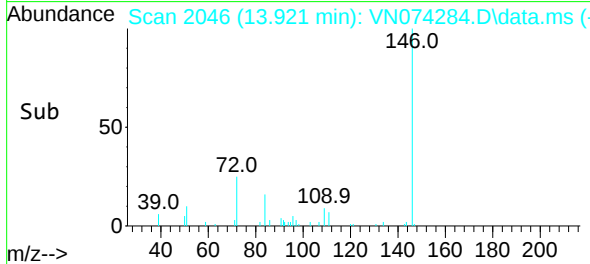
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion:146 Resp: 14658
Ion Ratio Lower Upper
146 100
111 42.0 20.9 62.8
148 64.2 32.1 96.3

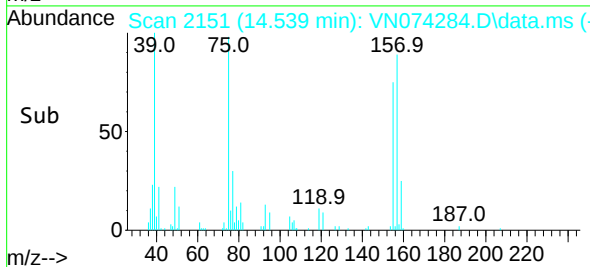
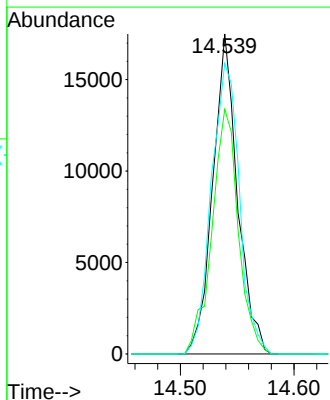
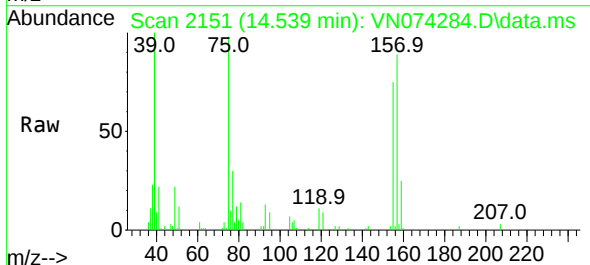
Manual Integrations
APPROVED

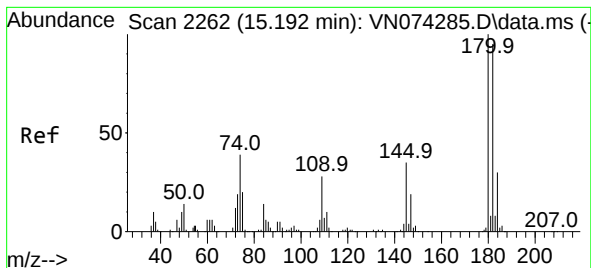
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.328 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. 0.000 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23

Tgt Ion: 75 Resp: 26499
Ion Ratio Lower Upper
75 100
155 81.4 44.9 134.5
157 102.5 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 18.063 ug/l

RT: 15.192 min Scan# 2262

Delta R.T. -0.006 min

Lab File: VN074284.D

Acq: 02 Sep 2022 13:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

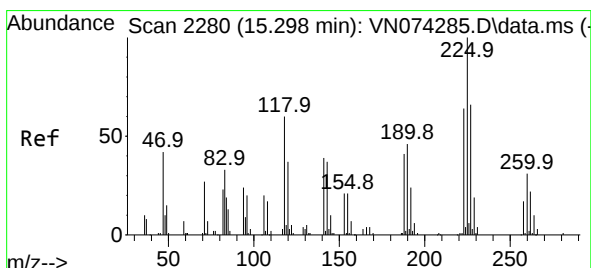
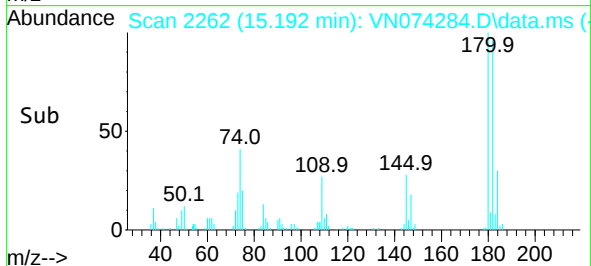
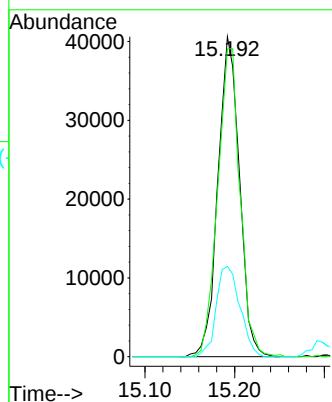
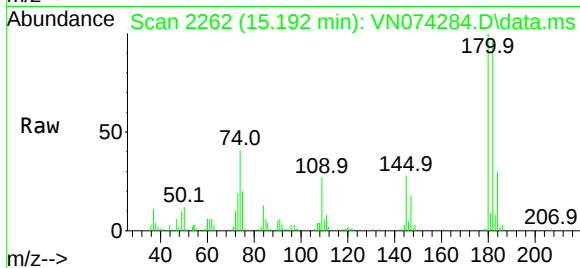
Tgt Ion:180	Resp:	67740
Ion Ratio	Lower	Upper
180	100	
182	99.8	47.5 142.5
145	31.1	14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2022

Supervised By :Mahesh Dadoda 09/06/2022



#94

Hexachlorobutadiene

Concen: 17.502 ug/l

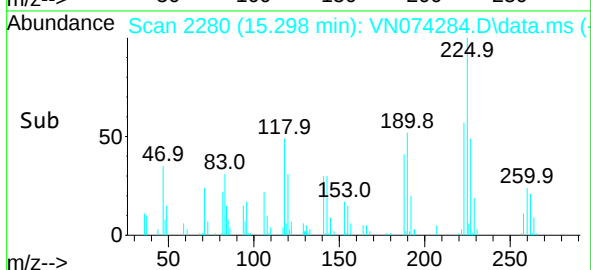
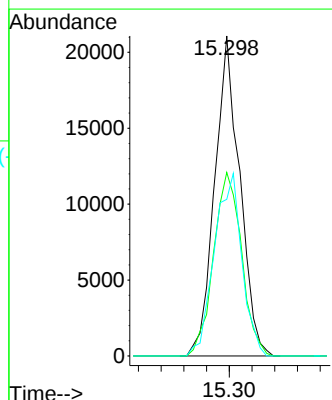
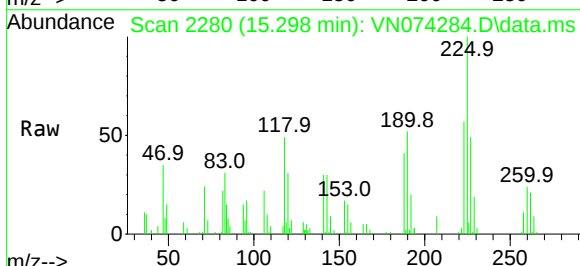
RT: 15.298 min Scan# 2280

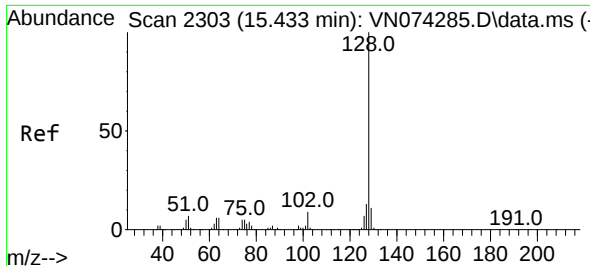
Delta R.T. 0.000 min

Lab File: VN074284.D

Acq: 02 Sep 2022 13:23

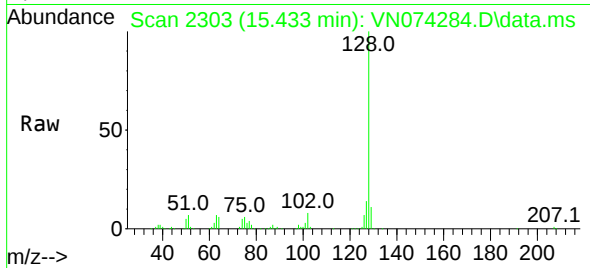
Tgt Ion:225	Resp:	32278
Ion Ratio	Lower	Upper
225	100	
223	64.1	32.4 97.2
227	62.4	31.8 95.4





#95
Naphthalene
Concen: 20.215 ug/l
RT: 15.433 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23

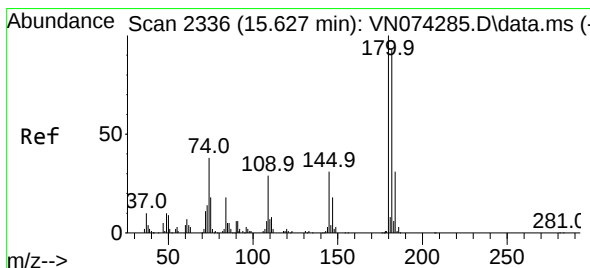
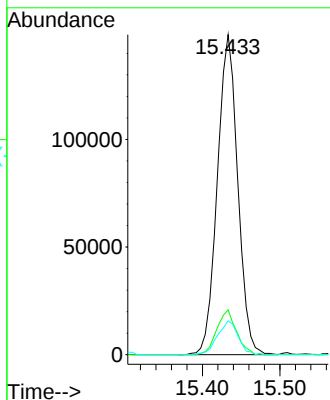
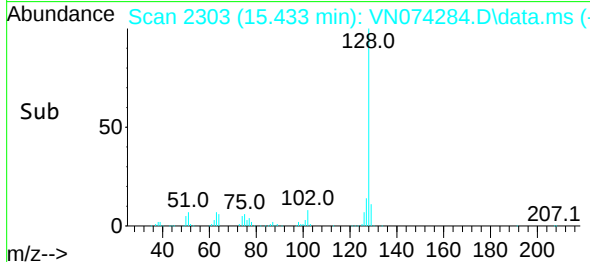
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



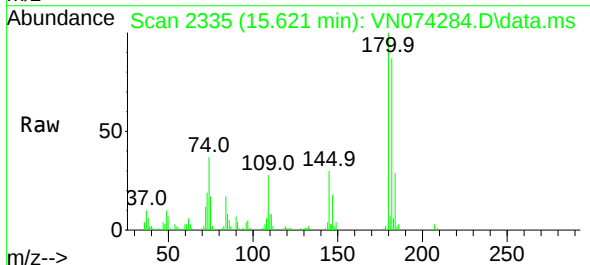
Tgt Ion:128 Resp: 27234
Ion Ratio Lower Upper
128 100
127 13.5 10.3 15.5
129 10.6 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022



#96
1,2,3-Trichlorobenzene
Concen: 18.634 ug/l
RT: 15.621 min Scan# 2335
Delta R.T. -0.006 min
Lab File: VN074284.D
Acq: 02 Sep 2022 13:23



Tgt Ion:180 Resp: 72393
Ion Ratio Lower Upper
180 100
182 93.0 47.8 143.3
145 32.2 15.5 46.5

